



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	December 20, 2017
Expiration Date	December 20, 2022

Corporation:

New Haven Terminal, Inc.

Premises Location:

119 Frontage Road, East Haven, Connecticut 06512

Name of Responsible Official and Title:

Stuart Johnson, Vice President

All the following attached pages, 2 through 28, are hereby incorporated by reference into this Title V permit.

/s/Anne Gobin for _____
Robert J. Klee
Commissioner

December 20, 2017
Date

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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.

LIST OF ABBREVIATIONS/ACRONYMS

<i>Abbreviation/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
EPA	Environmental Protection Agency
GEU	Grouped Emissions Unit
HAP	Hazardous Air Pollutant
kPa	kilopascals
l	liter
MACT	Maximum Achievable Control Technology
mg	milligrams
mm	millimeter
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

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, CT 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. The Penn Central Transportation Company abuts the site to the east and northeast, which 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 a distillate truck loading rack that was repaired and returned to service in 2016. There is also a gasoline truck loading rack, which is in disrepair. The VRU that served the gasoline truck loading rack has been disassembled and is unusable. 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 four tanks at NHT NH that are connected to NHT EH via pipeline and are in gasoline service, will be included in this Title V 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

Emissions units are set forth in Table II.A. It is not intended to incorporate by reference these Registrations or Regulations into this Title V permit.

TABLE II.A: EMISSIONS UNIT IDENTIFICATION			
Emissions Units	Emissions Units Description	Control Unit Description	Permit Number (P-) Registration Number (R-) or Regulation Cite
EU 1 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 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 3	Tank 103 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0009 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 4 ¹	Tank 104 – Bulk petroleum storage tank, distillate	Vertical fixed roof	R-054-0010
EU 5 ¹	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 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 7	Tank 107 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0011 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 8	Tank 108 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0012 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 9	Tank 109 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0013 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 10	Tank 110 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0014 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 11	Tank 114 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	P-054-0001 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 16	Equipment/Piping – Product distribution/transfer	None	RCSA §22a-174-20(b) 40 CFR Part 63 Subpart R
EU 19	Tank 111 – Bulk petroleum storage tank, gasoline or distillate ²	Internal floating roof, liquid mounted primary seal	R-054-0781 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 20	Tank 112 – Bulk petroleum storage tank, gasoline or distillate ²	Internal floating roof	R-054-0782 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 21	Tank 113 – Bulk petroleum storage tank, gasoline or distillate ²	Internal floating roof	R-054-0783 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R

Section II: Emissions Units Information

TABLE II.A: EMISSIONS UNIT IDENTIFICATION (cont'd)			
Emissions Units	Emissions Units Description	Control Unit Description	Permit Number (P-) Registration Number (R-) or Regulation Cite
EU 22	Truck Loading Rack – Gasoline loading operations ³	Vapor Recovery Unit ³ – Gexco Model 15	R-054-0017 R-054-0033 RCSA §22a-174-20(b) 40 CFR Part 60 Subpart XX 40 CFR Part 63 Subpart R
EU 23	Fugitive emissions from gasoline tank trucks ³	Tank trucks passed vapor tightness test	RCSA §22a-174-20(b) 40 CFR Part 60 Subpart XX 40 CFR Part 63 Subpart R
EU 24	Truck loading rack – Distillate loading operations	None	RCSA §22a-174-20(b) 40 CFR Part 60 Subpart XX 40 CFR Part 63 Subpart R
EU 25	Tank 14 (100 Waterfront Street, New Haven) – Bulk storage, gasoline, distillate, chemical product	Internal floating roof, liquid mounted primary seal	R-117-0439 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 26	Tank 18 (100 Waterfront Street, New Haven) – Bulk storage, gasoline, distillate, chemical product	Internal floating roof, liquid mounted primary seal	R-117-0442 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 27	Tank 19 (100 Waterfront Street, New Haven) – Bulk storage, gasoline, distillate, chemical product	Internal floating roof, liquid mounted primary seal	R-117-0443 RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
EU 28	Tank 22 (100 Waterfront Street, New Haven) – Bulk storage, gasoline, distillate, chemical product	Internal floating roof, liquid mounted primary seal	RCSA §22a-174-20(a) 40 CFR Part 60 Subpart Kb 40 CFR Part 63 Subpart R
GEU 1	EU 2, 3, 6-11, 19-21, 25-28	As above	As above
GEU 2	EU 22-24	As above	As above

¹ – The applicable requirements for this emissions unit are listed in the Section III.D of this Title V permit.

² – Currently out of service. Requires appropriate seal replacement prior to operation.

³ – Currently out of service.

B. OPERATING SCENARIO IDENTIFICATION

The Permittee shall be allowed to operate under the following Standard Operating Scenarios (SOS) without notifying the commissioner, provided that such operations are explicitly provided for and described in Table II.B.

TABLE II.B: OPERATING SCENARIO IDENTIFICATION		
Identification of Operating Scenario	Emissions Units Associated with the Scenario	Description of Scenario
SOS	All units included in this standard operating scenario	Bulk petroleum terminal operations

Section III: Applicable Requirements and Compliance Demonstration

The following contains summaries of applicable regulations and compliance demonstration for each identified Emissions Unit and Operating Scenario, regulated by this Title V permit.

A. GEU 1: INTERNAL FLOATING ROOF STORAGE TANKS

Subject to RCSA §22a-174-20(a), 40 CFR Part 60 Subpart Kb, 40 CFR Part 63 Subpart R

1. VOC Control

a. Limitation or Restriction

- i. The Permittee shall not place, store or hold in any aboveground storage tank of 40,000 gallons (150,000 liters) capacity or greater any VOC with a vapor pressure of 0.75 pounds per square inch or greater under standard conditions unless the tank is designed and equipped with a fixed roof and a floating roof that rests on the surface of the liquid contents and is equipped with a closure seal or seals to close the space between the roof edge and tank wall. This control equipment is not permitted if the VOC has a vapor pressure of 11.0 pounds per square inch absolute (568 mm Hg) or greater under standard conditions. The owner or operator shall operate and maintain such a tank to ensure that: [RCSA §22a-174-20(a)(2)(B)]
 - (A) There are no visible holes, tears or other openings in the seal or any seal fabric or materials,
 - (B) All openings except stub drains are equipped with covers, lids or seals such that:
 - (1) The cover, lid or seal is in the closed position at all times except when in actual use;
 - (2) Automatic bleeder vents are closed at all times except when the roof is being floated off or being landed on the roof leg supports; and
 - (3) Rim vents, if provided, are set to open to the manufacturer's recommended setting when the roof is floated off the roof leg supports or cables.
 - (C) All tank gauging and sampling devices are vapor-tight except when tank gauging or sampling is taking place; and
 - (D) No liquid accumulates on the top of the floating roof.
- ii. The Permittee shall not place, store, or hold in any stationary storage vessel of more than 250-gallon (950 liter) capacity any VOC with a vapor pressure of 0.75 pounds per square inch or greater under standard conditions unless such vessel is equipped with a permanent submerged fill pipe or is a pressure tank. Submerged fill pipes installed on or prior to March 7, 2014 shall have a discharge point no more than 18 inches from the bottom of the storage tank or be compliant with the requirements of 40 CFR Part 63 Subpart CCCCC. Submerged fill pipes installed after March 7, 2014 shall have a discharge point no more than six inches from the bottom of the storage tank. [RCSA §22a-174-20(a)(5)]
- iii. The Permittee shall ensure that the external surfaces of any storage tank containing VOCs with a vapor pressure of 0.75 pounds per square inch or greater under standard conditions that has a maximum capacity of 2,000 gallons (7,570 liters) or greater and is exposed to the rays of the sun is either mill-finished aluminum or painted and maintained white upon the next painting of the tank or by March 7, 2024, whichever is sooner. The external surfaces of any storage tank that is brought into service after March 7, 2014, that has a maximum capacity of 2,000 gallons or greater and that is exposed to the rays of the sun shall be either mill-finished aluminum or painted and maintained white prior to being filled with any VOC with a vapor pressure of 0.75 pounds per square inch or greater under standard conditions. The requirement to use mill-finished aluminum or white paint shall not apply to words and logograms applied to the external surface of the storage tank for purposes of identification provided such symbols do not cover more than 20 percent of the external surface area of the tank's sides and top or more than 200 square feet (18.6 square meters), whichever is less. [RCSA §22a-174-20(a)(7)]

Section III: Applicable Requirements and Compliance Demonstration

- iv. When performing a roof landing of a floating roof tank, the Permittee shall:
[RCSA §22a-174-20(a)(8)]
 - (A) When the roof is resting on its leg supports or suspended by cables or hangers, empty and refill the tank as a continuous process; and
 - (B) After the tank is degassed for the first time after the effective date of this subsection, any in-service roof landing shall be with the landed height of the floating roof at its minimum setting.
- v. The Permittee shall not perform degassing of an above ground storage tank during the period of June 1 through August 31 of any calendar year unless such degassing is for the purpose of performing a repair that is necessary for the safe and proper function of the tank. The Permittee shall notify the commissioner when a tank is emptied and degassed for the purpose of performing a repair within 72 hours of completing the degassing and repair. Such notification shall be submitted to the Compliance Assistance and Coordination Unit of the Bureau of Air Management and shall include the following information:
[RCSA §§22a-174-20(a)(9)(A) and (B)]
 - (A) Identification of the facility and the tank degassed;
 - (B) Identification of the VOC stored;
 - (C) An explanation of the need to degas the tank during the period from June 1 through August 31;
 - (D) The date the owner or operator determined that degassing and repair would be necessary;
 - (E) The dates that degassing commenced and was completed; and
 - (F) The date that inspection, repair and refilling was or is anticipated to be completed.
- vi. The Permittee shall clean an aboveground storage tank using one or more of the following methods:
[RCSA §22a-174-20(a)(9)(C)]
 - (A) Using any of the following cleaning agents:
 - (1) Diesel fuel;
 - (2) A solvent with an initial boiling point of greater than 302 degrees Fahrenheit;
 - (3) A solvent with a vapor pressure less than 0.5 pounds per square inch;
 - (4) A solvent with 50 grams per liter VOC content or less; or
 - (5) Another cleaning agent approved by the commissioner and the Administrator.
 - (B) Steam cleaning.
- vii. Each gasoline storage vessel shall be equipped according to the requirements of 40 CFR §60.112b.
[40 CFR §63.423]

b. Monitoring and Testing Requirements

- i. The Permittee shall perform monthly visual inspections, of each tank, of the floating roof deck, deck fittings and rim seal system through the roof hatches of the fixed roof to determine compliance with §RCSA §22a-174-20(a)(2)(B). [RCSA §§22a-174-20(a)(3)(A) and (B)]
- ii. Whenever the tank is emptied and degassed, but no less than once every 10 years, the Permittee shall conduct an inspection from within the tank by: [RCSA §§22a-174-20(a)(3)(B) and (C)]
 - (A) Visually inspecting the floating roof deck, deck fittings and rim seal system to determine compliance with RCSA §22a-174-20(a)(2)(B) and ensure that the seal between the floating roof and the tank wall is uniform; and
 - (B) Physically measuring gaps between any deck fitting gasket, seal or wiper and any surface that

Section III: Applicable Requirements and Compliance Demonstration

such gasket, seal or wiper is intended to seal. Gaps shall not exceed 0.125 inches.

This inspection may be performed entirely from the top side of the floating roof as long as there is visual access to all deck components.

- iii. For any tank subject to RCSA §22a-174-20(a)(2), if any piping, valves, vents, seals, gaskets or covers of roof openings are found to have defects or visible gaps or the VOC control requirements of RCSA §22a-174-20(a) not met, the Permittee shall: [RCSA §22a-174-20(a)(4)]
 - (A) If the tank is not storing liquid, complete repairs or replacements prior to filling the tank;
 - (B) If the tank is storing liquid, complete repairs or replacements or remove the tank from service within 45 days after discovery of the defect or visible gap. If the owner or operator anticipates that a repair or replacement cannot be completed or the tank cannot be emptied within such 45 day period, the Permittee shall notify the commissioner prior to the end of such 45 day period. The Permittee shall make repairs or completely empty the tank as soon as possible; and
 - (C) Any evidence of leakage as described in RCSA §22a-174-20(a) shall also be treated as a malfunction of control equipment as described in RCSA §22a-174-7.
- iv. The Permittee shall perform a visual inspection of the internal floating roof, the primary seal and the secondary seal (if one is in service) 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), 63.425(d)]
- v. The Permittee shall perform an 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 §63.425(d)]
- vi. 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 §63.425(d)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records: [RCSA §22a-174-20(a)(10)(B)]

- i. For each tank, records of the VOC stored, vapor pressure, monthly throughput.
- ii. A Material Safety Data Sheet or Environmental Data Sheet for each VOC stored.
- iii. Documentation of any leak detected, including, but not limited to, the date the leak was detected, location of the leak, type of repair made and the date of repair and explanation of the reason for delaying repair, if applicable.
- iv. Dates of all tank degassing activities performed.
- v. Date, cleaning method and cleaning agents used for any cleaning performed.
- vi. Any approval by the commissioner or Administrator issued pursuant to RCSA §22a-174-20(a).
- vii. 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).

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[RCSA §22a-174-20(a)(10)(B)(i)(III), 40 CFR §§60.115b(a)(2), 63.428]

- viii. 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. [40 CFR §60.116b(b)]

d. Reporting Requirements

The Permittee shall provide the following reports:

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), 63.428(d) and RCSA §22a-174-4(d)(1)]

2. Vapor Pressure

a. Limitation or Restriction

- 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)(B)]
- 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)(11)]

b. Monitoring and Testing Requirements

The Permittee shall demonstrate compliance with the vapor pressure requirements of Section III.A.2.a of this Title V permit based on the following:

- 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 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)]

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- 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. Samples to be analyzed for RVP shall be collected and handled according to the applicable procedures in American Society for Testing and Materials method D 5842-95(2000), "Standard Practice for Sampling and Handling of Fuels for Volatility Measurement."
[RCSA §22a-174-20(a)(13)]
- v. RVP shall be determined using American Society for Testing and Materials method D5191-07 (2007), except that the following correlation equation shall be used: [RCSA §22a-174-20(a)(14)]
 - (A) $RVP \text{ psi} = (0.956 * X) - 0.347$

c. Record Keeping Requirements

The Permittee shall make and maintain 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]

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 AND ASSOCIATED FUGITIVE EMISSIONS Subject to RCSA §22a-174-20(b), 40 CFR Part 60 Subpart XX, 40 CFR Part 63 Subpart R

1. VOC/HAPs Control

a. Limitation or Restriction

- 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 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)]
- iii. 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

The Permittee shall demonstrate compliance with the VOC/HAPs Control requirements of Section III.B.1.a of this Title V permit based on the following:

- 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

Section III: Applicable Requirements and Compliance Demonstration

- 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)(A) and (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. 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]
 - iv. 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.
 - v. 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)]
 - vi. 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)]
 - vii. 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*
- The Permittee shall make and maintain the following records:
- 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 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)]

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d. Reporting Requirements

The Permittee shall provide the following reports:

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)]

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

a. Limitation or Restriction

- 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. [40 CFR §60.502(h)]
- iii. The Permittee shall not cause, allow or permit leakage from any equipment in VOC service, including but not limited to pumps, valves and compressors. The Permittee of any equipment in VOC service that is leaking as determined by sight, smell, sound or measurement of VOCs in excess of 5000 parts per million shall repair such leak no later than 15 days after detection. A request to delay a repair of a leak may be made to the commissioner and the Administrator in writing if the repair is infeasible for technical or safety reasons. Such a request shall be submitted no later than 15 days after detection of the leak. [RCSA §22a-174-20(b)(17)]

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 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.

Section III: Applicable Requirements and Compliance Demonstration

- 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 40 CFR §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;
 - (A) 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.

c. Record Keeping Requirements

The Permittee shall make and maintain the following records:

- 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.

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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. 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 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)]

C. EU 16, EQUIPMENT/PIPING – PRODUCT DISTRIBUTION/TRANSFER

Subject to RCSA §22a-174-20(b), 40 CFR Part 63 Subpart R

1. Volatile Organic Liquid

a. Limitation or Restriction

The Permittee shall not cause, allow or permit leakage from any equipment in VOC service, including but not limited to pumps, valves and compressors. [RCSA §22a-174-20(b)(17)]

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. [RCSA §22a-174-20(b)(17) and 40 CFR §63.424(d)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records:

- 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);
 - (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;

Section III: Applicable Requirements and Compliance Demonstration

- (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.

D. PREMISES-WIDE GENERAL REQUIREMENTS

1. **Annual Emission Statements:** The Permittee shall submit annual emission statements requested by the commissioner as set forth in RCSA §22a-174-4(d)(1).
2. **Emergency Episode Procedures:** The Permittee shall comply with the procedures for emergency episodes as set forth in RCSA §22a-174-6.
3. **Reporting of Malfunctioning Control Equipment:** The Permittee shall comply with the reporting requirements of malfunctioning control equipment as set forth in RCSA §22a-174-7.
4. **Prohibition of Air Pollution:** The Permittee shall comply with the requirement to prevent air pollution as set forth in RCSA §22a-174-9.
5. **Public Availability of Information:** The public availability of information shall apply, as set forth in RCSA §22a-174-10.
6. **Prohibition Against Concealment/Circumvention:** The Permittee shall comply with the prohibition against concealment or circumvention as set forth in RCSA §22a-174-11.
7. **Violations and Enforcement:** The Permittee shall not violate or cause the violation of any applicable regulation as set forth in RCSA §22a-174-12.
8. **Variations:** 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.
9. **No Defense to Nuisance Claim:** The Permittee shall comply with the regulations as set forth in RCSA §22a-174-14.

Section III: Applicable Requirements and Compliance Demonstration

- 10. Severability:** The Permittee shall comply with the severability requirements as set forth in RCSA §22a-174-15.
- 11. Responsibility to Comply:** The Permittee shall be responsible to comply with the applicable regulations as set forth in RCSA §22a-174-16.
- 12. Particulate Emissions:** 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.)
- 13. Sulfur Compound Emissions:** The Permittee shall comply with the requirements for control of sulfur compound emissions as set forth in RCSA §§22a-174-19, 22a-174-19a and 22a-174-19b, as applicable.
- 14. Organic Compound Emissions:** The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
- 15. Nitrogen Oxide Emissions:** The Permittee shall comply with the requirements for control of nitrogen oxide emissions as set forth in RCSA §22a-174-22.
- 16. Ambient Air Quality:** The Permittee shall not cause or contribute to a violation of an ambient air quality standard as set forth in RCSA §22a-174-24(b).
- 17. Emission Fees:** The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).

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). 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)]

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
EU 22	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 gasoline loading rack repairs are complete and when operation will commence. A determination must be made if NSR permitting requirements 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.

SECTION VI: STATE ENFORCEABLE TERMS AND CONDITIONS

- A.** This Title V 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 Title V permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this Title V 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. Additional Emissions Units**
1. The Permittee shall make and submit a written record, at the commissioner's request, within 30 days of receipt of notice from the commissioner, or by such other date specified by the commissioner, of each additional emissions unit or group of similar or identical emissions units at the premises.
 2. Such record of additional emissions units shall include each emissions unit, or group of emissions units, at the premises which is not listed in Section II.A of this Title V permit, unless the emissions unit, or group of emissions units, is:
 - a. an insignificant emissions unit as defined in RCSA §22a-174-33; or
 - b. an emissions unit or activity listed in *White Paper for Streamlined Development of Part 70 Permit Applications, Attachment A* (EPA guidance memorandum dated July 10, 1995).
 3. For each emissions unit, or group of emissions units, on such record, the record shall include, as available:
 - a. Description, including make and model;
 - b. Year of construction/installation or if a group, range of years of construction/installation;
 - c. Maximum throughput or capacity; and
 - d. Fuel type, if applicable.
- D. Odors:** The Permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor that constitutes a nuisance beyond the property boundary of the premises as set forth in RCSA §22a-174-23.
- E. Noise:** The Permittee shall operate in compliance with the regulations for the control of noise as set forth in RCSA §§22a-69-1 through 22a-69-7.4, inclusive.
- F. 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.
- G. Open Burning:** The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).
- H. Fuel Sulfur Content**
1. For the period beginning July 1, 2014 and ending June 30, 2018, the Permittee shall not use No. 2 heating oil that exceeds five hundred parts per million of sulfur by weight as set forth in CGS §16a-21a(a)(2)(A); and

Section VI: State Enforceable Terms and Conditions

2. On or after July 1, 2018, the Permittee shall not use No. 2 heating oil that exceeds 15 parts per million of sulfur by weight as set forth in CGS §16a-21a(a)(2)(B) .

Section VII: 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 this section.

SECTION VII: TITLE V REQUIREMENTS

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: U.S. EPA New England, 5 Post Office Square, Suite 100 (OES04-2), Boston, Massachusetts 02109, Attn: Air Clerk.

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 Section 22a-175 of the Connecticut General Statutes, under Section 53a-157b of the Connecticut General Statutes, 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:

Section VII: Title V Requirements

- i. 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,
- ii. 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
- iii. If a duly authorized representative is a named individual in an authorization submitted under subclause ii. 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 ii. 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), RCSA §22a-174-33(h)(2)]

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, the Permittee shall submit information to address any requirements that become applicable to the subject source and shall submit correct, complete, and sufficient information within 15 days of the applicant's becoming aware of any incorrect, incomplete, or insufficient submittal, during the pendency of the application, or any time thereafter, with an explanation for such deficiency and a certification pursuant to RCSA §22a-174-2a(a)(5).

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

A Permittee, required to perform monitoring pursuant to 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 Title V 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;

Section VII: Title V Requirements

5. The name and address of the entity that performed the analyses;
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 Section VI.D 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).

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

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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 -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 -33(g)(3)(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)]

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

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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.

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).

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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.