Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection
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FINAL AIR QUALITY OPERATING PERMIT RENEWAL

Issued by the Massachusetts Department of Environmental Protection ("Department" or "MassDEP") pursuant to its authority under M.G.L. c. 111, §142B and §142D, 310 CMR 7.00 et seq., and in accordance with the provisions of 310 CMR 7.00: Appendix C.

ISSUED TO ["the Permittee"]:
Sunoco Partners Marketing & Terminals, L.P. East Boston Terminal,
467 Chelsea Street
East Boston, Massachusetts 02128

INFORMATION RELIED UPON:
Transmittal No. 108063, X229883, X239616, X241492
Application No. MBR-95-OPP-007,MBR-95-OPP-007A2

FACILITY LOCATION:
Sunoco Partners Marketing & Terminals, L.P. East Boston Terminal,
467 Chelsea Street
East Boston, Massachusetts 02128

FACILITY IDENTIFYING NUMBERS:
AQ ID: 1190481
FMF FAC NO.: 52274
FMF RO NO.: 378774

NATURE OF BUSINESS:

Warehouse and Storage of Petroleum Products
Distribution of Petroleum Products

Standard Industrial Code (SIC): 4226, 5171
North American Industrial Classification System (NAICS): 493190, 424710

RESPONSIBLE OFFICIAL:
Name: Mr. Peter St. Germaine
Title: Terminal Manager

FACILITY CONTACT PERSON:
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This Operating Permit shall expire on March 12, 2018

For the Department of Environmental Protection

This final document copy is being provided to you electronically by the Department of Environmental Protection. A signed copy of this document is on file at the DEP office listed on the letterhead.

James Belsky
Permit Chief, Bureau of Waste Prevention

Date Stamped March 12, 2013
Date

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SPECIAL CONDITIONS FOR OPERATING PERMIT

1. PERMITTED ACTIVITIES

In accordance with the provisions of 310 CMR 7.00:Appendix C and applicable rules and regulations, the Permittee is authorized to operate air emission units as shown in Table 1 and exempt, and insignificant activities as described in 310 CMR 7.00:Appendix C(5)(h) and (i). The units described in Table 1 are subject to the terms and conditions shown in Sections 4, 5, and 6 and to other terms and conditions as specified in this Permit. Emissions from the exempt activities shall be included in the total facility emissions for the emission-based portion of the fee calculation described in 310 CMR 4.00 and this Permit.

A. DESCRIPTION OF FACILITY AND OPERATIONS

Sunoco Partners Marketing & Terminals, L.P. ("the Permittee") operates the East Boston Terminal, which is a bulk petroleum storage and distribution facility located at 467 Chelsea Street, East Boston, Massachusetts ("the Facility"). The Permittee further describes the Facility as a "for-Hire Terminal" where-in it provides the "Warehousing and Storage of Petroleum Products." The Permittee's Facility handles a variety of organic liquids generally categorized as gasoline, ethanol, kerosene, jet fuel, diesel fuels and other petroleum products. The Permittee's Facility receives these products by ship, barge, or truck into on-site storage tanks and then from these storage tanks, loads over-the-highway tank trucks and distributes the non-gasoline products via pipeline. No products are received by railcar, or are shipped off-site by railcar and only distillate oil products are loaded transported via pipeline. The primary air emissions from the Permittee's Facility are volatile organic compounds (VOC) and hazardous air pollutants (HAPs), including working and breathing emissions from the Permittee's: storage tanks, storage tank roof landings and degassing activities associated with tank cleanings, tank truck loading operations, and distillate truck loading.

The Permittee's Facility is categorized as a major source of air pollution with potential VOC emissions greater than fifty (50) tons per year. Although it has potential emissions of less than ten (10) tons per year of any individual HAP or twenty five (25) tons per year of combined HAPs, it is currently still subject to Federal Regulation 40 CFR Part 63Subpart R for HAPs emissions due to the United States Environmental Protection Agency's (EPA) current "Once In, Always In" Policy.

The Permittee operates an activated carbon vapor recovery unit ("VRU"), designated as Pollution Control Device one (PCD-1) to control air emissions generated during loading of tank trucks with various organic liquids. The PCD-1 collects vapors using a positive pressure system wherein vapors in the headspace of each tank truck are "pushed" through a vapor connection hose into a collection header to the VRU during the act of bottom filling each tank truck with organic liquids. The VRU consists of two vessels containing activated carbon beds which adsorb organic vapors. During tank truck bottom loading operations, one carbon bed is continuously adsorbing organic vapors, while the second carbon bed that was previously receiving organic vapors is being desorbed and regenerated under vacuum pressure. The vapors are then condensed into liquids and pumped into a storage tank for reuse. PCD-1 has an emission rate limit of ten (10) milligrams of VOC per liter of gasoline loaded (10.0 mg/l). Emissions from the unit are monitored utilizing a continuous emissions monitoring system (CEMS), as required in Approval MBR-93-IND-015 and 40 CFR 63 Subpart R. As a result, the facility is exempt from the Compliance Assurance Monitoring (CAM) Regulations under 40 CFR Part 64.2(b)(vi).

The Permittee's Facility includes a six cylinder Allis & Chalmers DFS-90, engine model 3500, diesel powered emergency engine (Approximately rated at 60 KW) that was manufactured prior to 1984. The engine is of a size that falls below State Air Quality Regulation applicability thresholds and as such, it is not included as an Emission Unit in this Operating Permit. Further, the emergency engine is an existing emergency engine located at a facility classified as a "Commercial" facility, and in accordance with the Applicability section of Federal Regulation 40 CFR 63 subpart ZZZZ (40 CFR 63.6590), it is not subject to subpart ZZZZ.

Tables 3, 4, 5, 6, 8, 9, and 10 of this Operating Permit contain the Air Quality requirements and regulations to which the Permittee is subject. Table 7 of this Operating Permit contains Air Quality requirements to which the Permittee is not subject as well as the reasoning utilized in determining the non-applicability status.

2. EMISSION UNIT IDENTIFICATION

The following emission units (Table 1) are subject to and regulated by this Operating Permit:

Table 1

Emission Unit (EU#)	Description of Emission Unit	EU Design Capacity	Pollution Control Device (PCD)
3	Gasoline[1] and Distillate Truck Loading Rack, 4 Gasoline Loading Bays, 12 gasoline loading arms	800 million gallons per year 6,000 gallons per minute of gasoline	PCD-1, Activated Carbon Vapor Recovery Unit, John Zink Model AAT-1218-11-8-10-3-X
4	Tank 78, Internal floating roof (IFR) petroleum storage tank, bolted sheet roof, leg supported	2,679,180 gallons 115 feet (ft.) diameter 40 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
5	Tank 90, IFR petroleum storage tank, bolted sheet, cable suspended roof	2,689,890 gallons 115 ft. diameter 40 ft. height	IFR, mechanical primary rim seal, no secondary seal
6	Tank 123, IFR petroleum storage tank, bolted sheet, cable suspended roof	676,704 gallons 55 ft. diameter 48 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
7	Tank 124, IFR petroleum storage tank, bolted sheet, cable suspended roof	1,042,524 gallons 60 ft. diameter 56 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
8	Tank 125, IFR petroleum storage tank, bolted sheet, cable suspended roof	1,026,648 gallons 60 ft. diameter 56 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
9	Tank 126, IFR petroleum storage tank, bolted sheet, cable suspended roof	2,675,400 gallons 100 ft. diameter 54 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
10	Tank 128, IFR petroleum storage tank, bolted sheet, cable suspended roof	1,766,730 gallons 80 ft. diameter 56 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
11	Tank 129, IFR petroleum storage tank, bolted sheet, cable suspended roof	1,766,730 gallons 80 ft. diameter 56 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
12	Tank 130, IFR petroleum storage tank, bolted sheet, cable suspended roof	432,768 gallons 40 ft. diameter 56 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
13	Tank 92, IFR petroleum storage tank, bolted sheet, cable suspended roof	173,334 gallons 30 ft. diameter 35 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
14	Tank 93, IFR petroleum storage tank, bolted sheet, cable suspended roof	173,334 gallons 30 ft. diameter 35 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
22	Tank 71, IFR petroleum storage tank, bolted sheet, cable suspended roof	1,884,800 gallons 100 ft. diameter 40 ft. height	IFR, vapor mounted primary rim seal, rim mounted secondary seal
122	Tank 122, IFR petroleum storage tank, bolted sheet, cable	6,266,400 gallons 145 ft. diameter	IFR, Primary mechanical shoe seal, rim mounted secondary seal

Table 1			
Emission Unit (EU#)	**Description of Emission Unit**	**EU Design Capacity**	**Pollution Control Device (PCD)**
	suspended roof, drain dry bottom	56 ft. height	
15	Gasoline Distribution System (Fugitive Emissions)+	N/A	NA
1	Weil McLane, #2 Oil Fired Boiler	2.3 MMBtu/hour heat input	NA

Table 1 Footnote:
1 : Gasoline or other organic liquid having a vapor pressure of 1.5 pounds per square inch absolute or greater except that ethanol, which has a vapor pressure of less than 1.5 pounds per square inch absolute, shall be included
+ : Fugitive emissions can result from leaks from fittings, flanges, pumps; and miscellaneous small sources and activities that result in emissions
NA = Not Applicable
MMBtu/ = million British thermal units per

3. IDENTIFICATION OF EXEMPT ACTIVITIES

The following are considered exempt activities in accordance with the criteria contained in 310 CMR 7.00: Appendix C(5)(h):

Table 2	
Description of Current Exempt Activities	**Reason**
The list of current exempt activities is contained in the Operating Permit application and shall be updated by the Permittee to reflect changes at the facility over the Permit term. An up-to-date copy of exempt activities list shall be kept on-site at the facility and a copy shall be submitted to the MassDEP's Regional Office. Emissions from these activities shall be reported on the annual emissions statement pursuant to 310 CMR 7.12.	310 CMR 7.00:Appendix C(5)(h)

4. APPLICABLE REQUIREMENTS

A. OPERATIONAL AND/OR PRODUCTION EMISSION LIMITS AND RESTRICTIONS

The Permittee is subject to the limits/restrictions as contained in Table 3 below:

Table 3					
EU #	**Fuel/Raw Material/**	**Pollutant**	**Operational and/or Production Limits**	**Emissions Limits/Standards**	**Applicable Regulation and/or Approval No**
EU 3	Gasoline	VOC, HAPs	≤ 2.2 million gallons per day ≤ 800 million gallons per 12-month rolling period	≤ 10 mg/L of gasoline loaded over a one-hour period, ≤ 0.092 Tons VOC per day ≤ 33.4 Tons VOC per 12-month rolling period	MBR-93-IND-015, 310 CMR 7.24(2) 40 CFR 63.422(b) 40 CFR 63.425
			Current CEMS Correlation Factor (hydrocarbon concentration, averaged over one hour period) Refer to Special Terms and Conditions, Table 8		MBR-93-IND-015 40 CFR 63.427
			Visible alarm	7 mg/L (0.49% as propane)	
			Discontinue loading	10 mg/L (0.71% as propane)	

Table 3					
EU #	**Fuel/Raw Material/**	**Pollutant**	**Operational and/or Production Limits**	**Emissions Limits/Standards**	**Applicable Regulation and/or Approval No**
EU 3, EU 15	Gasoline	VOC, HAPs	- Load only into vapor tight gasoline tank trucks that are compatible with the terminal's vapor collection system, - Assure the vapor collection system is connected and operating during loading, - Prevent gauge pressure from exceeding 18 inches of H_2O and vacuum from exceeding six inches of H_2O in the tank truck,		310 CMR 7.24(4) 40 CFR 63.422 40 CFR 63.425
EU 3, EU 15	Gasoline	VOC, HAPs	Gasoline shall not be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Below is a list of minimum measures to be taken. (a) Minimize gas spills. (b) Clean up spills as expeditiously as practicable. (c) Cover all open gasoline containers with a gasketed seal when not in use. (d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.		40 CFR 63.424
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 122	Gasoline, Ethanol	VOC, HAPs	1) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. 2) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: (a) A foam-or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam-or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. (b) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. (c) A mechanical shoe seal, a metal sheet held vertically against the wall of the storage vessel by springs or weighted		40 CFR 63.423(a) 40 CFR 60.112b 310 CMR 7.24 (1)

Table 3					
EU #	**Fuel/Raw Material/**	**Pollutant**	**Operational and/or Production Limits**	**Emissions Limits/Standards**	**Applicable Regulation and/or Approval No**
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 122	Gasoline, Ethanol	VOC, HAPs	levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. (3) Each opening in a noncontact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and the rim space vents, shall provide a projection below the liquid surface. (4) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains shall be equipped with a cover or lid which shall be maintained in a closed position at all times (i.e., no visible gap except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. (5) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. (6) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. (7) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric seal over 90 % of the opening (8) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. (9) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.		40 CFR 63.423(a) 40 CFR 60.112b 310 CMR 7.24 (1)
EU 122	Gasoline	VOC, HAPs	≤ 25.55 million gallons per month ≤ 306.6 million gallons per 12-month rolling period	≤ 1.25 Tons VOC per month ≤ 4.13 Tons VOC per 12-month rolling period ≤ 0.12 Tons HAPs per day ≤ 0.17 Tons HAPs per 12-month rolling period	MBR-07-IND-016 40 CFR 60 Subpart Kb
EU 1	Distillate Fuel Oil	Sulfur in Fuel	NA	≤ 0.3% S by weight: Prior to 7/1/2014 ≤ 0.05% S by weight: 7/1/2014 through 6/30/2018 ≤ 0.0015% S by weight: On or after 7/1/2018	310 CMR 7.05(1)(a)(1)
	Oil	All	As required in § 63.11201, §63.11214 and Table 2 to Subpart JJJJJJ, conduct tune-up of boiler biennially as specified in § 63.11223(b)(1) through (7).		40 CFR 63.11201(b)
		HAPs	As required in § 63.11205, at all times operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for		40 CFR 63 Subpart JJJJJJ

Table 3					
EU #	**Fuel/Raw Material/**	**Pollutant**	**Operational and/or Production Limits**	**Emissions Limits/Standards**	**Applicable Regulation and/or Approval No**
			minimizing emissions.		
Facility-wide	NA	VOC, HAPs	Do not sell or load gasoline having a Reid Vapor Pressure greater than 9.0 psi during the period beginning May 1 and continuing through September 15 of any year.		310 CMR 7.24(5)(a)
	NA	Greenhouse gas[1]	NA	NA	310 CMR 7.71 (state only)

Legend to Abbreviated Terms within Table 3:

EU#	= Emission Unit Number	No.	= Number
lb/MMBtu	= Pounds per million British thermal units	%	= Percent
≤	= Less than or equal to	≥	= greater than or equal to
PM	= Particulate Matter	VOC	= Volatile Organic Compounds
S	= Sulfur	psia	= pounds per square inch
NA	= Not Applicable	HAPs	= Hazardous Air Pollutants
CEMS	= Continuous Emission Monitoring System	H_2O	= water
mg/L	= milligrams per liter		

Table 3 Foot Notes:

(1) Greenhouse Gas means any chemical or physical substance that is emitted into the air and that the Department may reasonably anticipate will cause or contribute to climate change including, but not limited to, CO_2, CH_4, N_2O, SF_6, hydrofluorocarbons (HFCs), and perfluorocarbons (PFCs)

(2) To calculate the amount of a consecutive 12 month rolling period take the current calendar month amount and add it to the previous 11 calendar months total amount

(3) Chart means the Ringelmann Scale for grading the density of smoke, as published by the United States Bureau of Mines and as referred to in the Bureau of Mines Information Circular No. 8333, or any smoke inspection guide approved by the Department.

B. COMPLIANCE DEMONSTRATION

The Permittee is subject to the monitoring/testing, record keeping, and reporting requirements as contained in Tables 4, 5, and 6 below and 310 CMR 7.00 Appendix C (9) and (10) and applicable requirements contained in Table 3:

Table 4	
EU#	**Monitoring And Testing Requirements**
EU 3	1) In accordance with Final Approval MBR-93-IND-015, 40 CFR 63.427(a), and 40 CFR 60.503, install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous emission monitoring system (CEMS) capable of measuring organic compound concentration in the exhaust air stream of the activated carbon vapor recovery system(ACVRS). The CEMS shall comply with the applicable procedures for CEMS as stated in 40 CFR 60, Appendices F, or other procedures as approved by MassDEP.
	2) Perform quarterly performance audits, of which the calendar second quarter audit must be a relative accuracy test audit (RATA) or relative accuracy audit (RAA) as referenced in Final Approval MBR-93-IND-015, dated 24 June, 1996.
	3) Perform calibration drift assessment daily as provided in 40 CFR Part 60, Appendix F and Final Approval MBR-93-IND-015.
	4) Verify prior to loading that each gasoline cargo tank truck loading at the facility has demonstrated that it meets the annual certification test requirements as provided in 310 CMR 7.24(4) and in accordance with the requirements in 40 CFR 63.422(c).
	5) Monitor daily gasoline throughput as specified in Final Approval MBR-93-IND-015.

Table 4	
EU#	**Monitoring And Testing Requirements**
	6) Conduct emission testing on the ACVRS if and when the Department deems it necessary as referenced in Final Approval MBR-93-IND-015, dated 24 June, 1996.
EU 3, 15	7) Perform a leak inspection of all gasoline equipment in service utilizing sight, sound, and smell as acceptable detection methods, monthly, and during loading of a gasoline cargo tank as provided in 40 CFR 63.424(a) and incorporated herein by reference.
	8) In accordance with Regulation 310 CMR 7.24(4)(d), the MassDEP may, at any time, test any vapor recovery system, or any tank truck at the vapor recovery system (as part of the vapor recovery system test) to determine compliance with the requirements of 310 CMR 7.24(4)(b).
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 122	9) In accordance with 40 CFR 63.425 and 60.113b: (1) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL *(*Volatile organic liquid: any organic liquid which can emit volatile organic compounds (as defined in 40 CFR 51.100) into the atmosphere). 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 Permittee shall repair the items before filling the storage vessel. (2) For vessels equipped with a liquid- mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the Permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b. Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the Permittee will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. (3) For vessels equipped with a double- seal system as specified in 40 CFR 60.112b: (a) Visually inspect the vessel as specified in paragraph (4) of this section at least every 5 years; or (b) Visually inspect the vessel as specified in paragraph (2) of this condition . (4) 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 the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs 2 and 3(b) of this condition and at intervals no greater than 5 years in the case of vessels specified in paragraph 3(a) of this condition.
	10) Notwithstanding the requirements listed above, an inspection of internal floating roofs through manholes and roof hatches on the fixed roof shall be conducted on a monthly basis in accordance with CMR 7.24(1).
EU 1	11) In accordance with 40 CFR 63.11210(c), for existing boilers that have applicable work practice standards, management practices or emission reduction measures, you must demonstrate initial compliance according to the applicable provisions in 40 CFR 63.7(a)(2).
	12) In accordance with 40 CFR 63.11214(b), monitor the performance tune-up required by §63.11223(b) so records may be maintained as required in Table 5 below.
	13) In accordance with 40 CFR 63.11223(a), monitor the biennial performance tune-up according to §63.11223(b) so records may be maintained as required in Table 5 below. Each biennial tune-up must

Table 4	
EU#	**Monitoring And Testing Requirements**
	be conducted no more than 25 months after the previous tune-up.
Facility-wide	14) In accordance with 310 CMR 7.13 Stack Testing, conduct stack/emission testing, upon written request of the MassDEP, for any air contaminant for which the MassDEP has determined testing is necessary, to ascertain compliance with the MassDEP's regulations or design approval provisos. All such testing shall be conducted in accordance with 310 CMR 7.13 (1) and (2), and in accordance with the applicable procedures specified in 40 CFR 60 Appendix A or other method if approved by the MassDEP and EPA.
	15) Monitor the Reid Vapor Pressure (RVP) for gasoline sold or supplied as provided in 310 CMR 7.24(5) and upon request by the Department, provide to the Department the test results of a sample or samples of gasoline in accordance with the methods listed in 310 CMR 7.24(5)(b)2.
	16) Monitor operations such that information may be compiled for the annual preparation of a Source Registration/Emission Statement Form in accordance with 310 CMR 7.12.
	17) In accordance with 310 CMR 7.71(1) and Appendix C(9) establish and maintain data systems or record keeping practices (e.g. fuel use records, SF6 usage documentation, Continuous Emissions Monitoring System) for greenhouse gas emissions to ensure compliance with the reporting provisions of M.G.L. c. 21N, the Climate Protection and Green Economy Act, St. 2008, c. 298, § 6. (State only requirement)

Table 5	
EU#	**Record Keeping Requirements**
EU 3	1) The copies of the CEMS operating records shall be maintained on-site and shall be made available for inspection by Department personnel upon request as referenced in Final Approval MBR-93-IND-015, dated June 24, 1996 and in accordance with 40 CFR 63.428..
	2) Maintain records of all quarterly performance audits of the CEMS as referenced in Final Approval MBR-93-IND-015.
	3) Maintain a copy of the report of the stack testing performed to demonstrate compliance with the emission limits specified in Final Approval MBR-93-IND-015.
	4) Maintain records of all daily calibration and drift assessments on-site as referenced in Final Approval MBR-93-IND-015.
	5) Maintain a control system maintenance log. This log shall record all routine maintenance, and emergency repairs to the carbon adsorption system, and all testing of, screening of, and replacement of the activated carbon as referenced in Final Approval MBR-93-IND-015.

Table 5	
EU#	**Record Keeping Requirements**
EU 3	6) Maintain records of the test results for each gasoline cargo tank loading at the facility in accordance with 40 CFR 63.428(b) or (k) and 310 CMR 7.24(4)(f)., as follows: (1) Annual certification testing performed under §63.425(e); and (2) Continuous performance testing performed at any time at that facility under §63.425 (f), (g), and (h). (3) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information: (i) Name of test: Annual Certification Test Method 27 (§63.425(e)(1)); Annual Certification Test Internal Vapor Valve (§63.425(e)(2)); Leak Detection Test (§63.425(f)); Nitrogen Pressure Decay Field Test (§63.425(g)); Continuous Performance Pressure Decay Test (§63.425(h)); or Railcar Bubble Leak Test Procedure (§63.425(i)). (ii) Cargo tank owner's name and address. (iii) Cargo tank identification number. (iv) Test location and date. (v) Tester name and signature. (vi) Witnessing inspector, if any: Name, signature, and affiliation. (vii) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing. (viii) Test results: test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition. 40 CFR 63.428 (k) allows for off-site and electronic storage of required records.
	7) Maintain adequate control equipment records such that compliance with applicable reporting requirements specified in 40 CFR 63.10 d & e, and 40 CFR 63.428 (g) can be demonstrated.
	8) Maintain records of daily and twelve month rolling period gasoline throughput as required in Final Approval MBR-93-IND-015.
EU 3, 15	9) Maintain adequate records of all monthly leak inspections on-site as provided in 40 CFR 63.424.
	10) Maintain its log book to contain a list, summary description or diagram(s) showing the location of all equipment in gasoline service and it must be signed by the owner or operator at the completion of each inspection as provided in 40 CFR 63.424, 63.428.
	11) Record the following information in a log book as required by 40 CFR 63.428for each leak that is detected as per 40 CFR 63.424. (1) The equipment type and identification number. (2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell). (3) The date the leak was detected and the date of each attempt to repair the leak. (4) The repair methods applied in each attempt to repair the leak. (5) "Repair delayed" and the reason for the delay, if the leak is not repaired within 15 calendar days after discovery of the leak. (6) The expected date of successful repair for the delay, if the leak is not repaired within 15 days. (7) The date of successful repair of the leak.
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 122	12) In accordance with 40 CFR 63.428, keep records and furnish reports as specified in 40 CFR 60.115b, except records shall be kept for at least five years.
	13) In accordance with 40 CFR 60.116b, keep, readily available, records of each storage tank, showing the dimensions of each tank and an analysis showing the capacity of each storage tank. In addition, records of the types of volatile petroleum liquids stored, the periods of storage and the maximum true vapor pressure of the liquid, as stored, shall be maintained. Said records shall be retained for at least five years.
	14) Maintain all records and documentation on site to demonstrate compliance in a centralized location as provided in 310 CMR 7.24(7)(d).

Table 5	
EU#	**Record Keeping Requirements**
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 122	15) In accordance with 310 CMR 7.24(1)(i), do not store, hold or otherwise transfer the organic liquid in the storage tank unless records are prepared, maintained and kept on-site for a minimum of five years, of: a) the average monthly storage temperature; b) the true vapor pressure, monthly throughput and type of organic material stored; c) any inspections or tests conducted under 310 CMR 7.24(1)(d)4. through 7.; d) any transfers made; and e) any maintenance of the vapor processing system.
EU 1	16) Maintain records of the performance tune-up required by 40 CFR 63.11214(b), such that compliance with this regulation may be demonstrated and the required reporting may be submitted.
	17) In accordance with 40 CFR 63.11223(b)(6), maintain onsite biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	18)In accordance with 40 CFR 63.11223(a), keep records as required in §63.11225(c).
	19) In accordance with 40 CFR 63.11225(c), maintain records of the following information : (1) keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, (2) records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214 as specified in the following (i) records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specification to which the boiler was tuned, and (ii) records documenting fuel type(s) used monthly by each boiler, including but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure. (4) records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment, (5) records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	20) In accordance with 40 CFR §63.11225(b), maintain adequate records so that the Permittee shall prepare a biennial compliance report including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Maintain adequate records such that the first Biennial Compliance Certification Report shall be prepared by March 1, 2015 with subsequent reports prepared biennially by March 1st.
	21) In accordance with 40 CFR 63.11225(d), your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each recorded action.
Facility-wide	22) In accordance with 310 CMR 7.00: Appendix C(10)(b), maintain records of all monitoring data and supporting information required by this Operating Permit on site for five (5) years from the date of the monitoring sample, measurement, report or initial Operating Permit application.
	23) Maintain records of facility operations such that information may be reported as required for compliance with 310 CMR 7.12. Keep copies of all information supplied to MassDEP pursuant to 310 CMR 7.12 onsite for five (5) years after the date the report is submitted in accordance with 310 CMR 7.12(3)(b).

Table 5	
EU#	**Record Keeping Requirements**
Facility-wide	24) In accordance with 310 CMR 7.71 (6) b. and c. retain at the facility for five years and make available to the Department upon request copies of the documentation of the methodology and data used to quantify emissions. (State only requirement)

Table 5 Notes:

§ = section

Table 6	
EU#	**Reporting Requirements**
EU 3	1) Any ACVRS malfunction which does not allow the ACVRS to maintain the BACT emission limitation of 10 mg/l of gasoline dispensed averaged over a one hour period, shall be promptly reported per 40 CFR 63 Subpart A and Approval MBR-93-IND-015. Subsequently a written report shall be submitted within seven days of said occurrence as referenced in Final Approval MBR-93-IND-015, dated June 24, 1996.
	2) Submit quarterly, all performance audit results to the Northeast Regional Office, including the annual relative accuracy test audit (RATA) report, as needed, as referenced in Final Approval MBR-93-IND-015. Said reports may be submitted in an electronic format deemed acceptable to MassDEP.
EU 3, 15	3) When, as a result of the monitoring and testing requirements in Table 4 of this Permit and 40 CFR 63.424, a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 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, except as provided in paragraph (d) of 40 CFR 63.424. which states that "Delay of repair of leaking equipment will be allowed upon a demonstration to the Administrator that repair within 15 days is not feasible". The owner or operator shall provide the reason(s) a delay is needed and the date by which each repair is expected to be completed to the MassDEP Northeast Regional office.
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 122	4) Submit written notification, at least 30 days prior to the filling or refilling of each storage vessel that was emptied for inspection or repair, in accordance with 40 CFR 60.113b(a)(5).
	5) In accordance with 40 CFR 60.115b, submit a report of any defects within 30 days following any required inspection. The report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date of the repair that was made. No report is required if no defects are discovered.
EU 122	6) In accordance with Final Approval MBR-07-IND-016, submit written notification to MassDEP at least three days prior to the start of any routine planned or operationally necessary degassing and cleaning event. Where degassing must be performed on an emergency basis, notification shall be made within one business day of commencing degassing. Each notification of a routine planned or operational degassing shall include its location and the liquid stored in the tank, and the time and date when degassing will commence; if the notification is of an emergency degassing, the notification shall include the above tank-related notification information and shall state the nature of the emergency and when degassing commenced.
EU 1	7) In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of the boiler.
	8) In accordance with 40 CFR 63.11225(a)(2), as specified in §63.9(b)(2), submit the Initial Notification no later than 120 calendar days after May 20, 2011 or within 120 days after the source becomes subject to the standard. In accordance with 40 CFR 63.9(b)(2), the notification shall include the following information: (i) the name and address of the owner or operator; (ii) the address (i.e., physical location) of the affected source; (iii) an identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date; (iv) a brief description of the nature, size, design and method of operation of the source and an identification of the types of hazardous air pollutants emitted; and (v) a statement of whether the affected source is a major source or area source.
	9) In accordance with 40 CFR 63.11225(a)(4), you must submit the Notification of Compliance Status in accordance with §63.9(h) no later than July 19, 2012. In addition to the information required in §63.9(h)(2), your notification must include the following certification of compliance, and signed by a responsible official: "This facility complies with the requirements in §63.11214 to conduct an initial

Table 6	
EU#	**Reporting Requirements**
	tune-up of the boiler."
EU 1	10) In accordance with 40 CFR §63.11225(b), submit to the delegated authority upon request, a biennial compliance report including (1) company name and address, (2) statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart, and (3) if the source experiences any deviations from the applicable requirements during the reporting period, including a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken. Prepare the first Biennial Compliance Certification Report by March 1, 2015 with subsequent reports prepared biennially by March 1st.
	11) In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	12) In accordance with 40 CFR 63.11225(g), if you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify: (1) the name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under this subpart. (3) The date on which you became subject to the current applicable standards. (4) The date upon which you will commence the fuel switch.
	13) In accordance with 40 CFR 63.11214(b), submit a signed statement in the Notification of Compliance Status report that indicates that you conducted a tune-up of the boiler.
	14) In accordance with 40 CFR 63.11223(b)(6), submit, if requested by the Administrator, biennial report containing the following information; (i) the concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler, (ii)a description of any corrective actions taken as a part of the tune-up of the boiler, and (iii) the type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.
	15) In accordance with 40 CFR 63.11225(a)(2), as specified in §63.9(b)(2), submit the Initial Notification no later than 120 calendar days after May 20, 2011 or within 120 days after the source becomes subject to the standard. In accordance with 40 CFR 63.9(b)(2), the notification shall include the following information: (i) the name and address of the owner or operator; (ii) the address (i.e., physical location) of the affected source; (iii) an identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date; (iv) a brief description of the nature, size, design and method of operation of the source and an identification of the types of hazardous air pollutants emitted; and (v) a statement of whether the affected source is a major source or area source.
Facility-wide	16) Submit a Source Registration/Emission Statement Form to MassDEP on an annual basis as required by 310 CMR 7.12.
	17) In accordance with 310 CMR 7.13(1) and 7.13(2), if determined by the Department that stack testing is necessary to ascertain compliance with the Department's regulations or design approval provisos shall cause such stack testing to be summarized and submitted to the Department as prescribed in the agreed to pretest protocol.
	18) In accordance with 310 CMR 7.00: Appendix C(10)(c). the Permittee shall report a summary of all monitoring data and related supporting information to MassDEP at least every six months (January 30 and July 30 of each calendar year).

Table 6	
EU#	**Reporting Requirements**
Facility-wide	19) In conjunction with the 310 CMR 7.00: Appendix C(10)(c) requirements, the Permittee shall, as required by 40 CFR 63.428(g) and (h), submit semiannual reports to the U.S. EPA Region 1 and the Mass DEP that include the following: (1) Each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. (2) The number of equipment leaks not repaired within 5 days after detection. In addition, the Permittee shall include the following excess emission report information in the semiannual reports. (1) Each exceedence or failure to maintain, as appropriate, the monitored operating parameter value for the vapor processing system. Said report shall include the monitoring data for the days on which exceedences or failures to maintain have occurred, and a description and schedule of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CEMS. (2) Each instance of a nonvapor-tight gasoline cargo tank loading at the facility in which the Permittee failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained. (3) Each reloading of a nonvapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.422(c) (4) The following information shall be reported for each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection: (i) The date on which the leak was detected. (ii) The date of each attempt to repair the leak. (iii) The reasons for the delay of the repair. (iv) The date of successful repair. (5) Periodic reports associated with gasoline storage tank inspections as required in 40 CFR 60.115b. (6) any other additional reports as may be required by 40 CFR 63.10(e)(3).
	20) Submit an Annual Compliance report to MassDEP and EPA by January 30 of each year as required by General Condition 10 of this Permit.
	21) In accordance with 310 CMR 7.71(5), by April 15th, 2010 and April 15th of each year thereafter report emissions of greenhouse gases from stationary emissions sources including, but not limited to, emissions from factory stacks, manufacturing processes and vents, fugitive emissions, and other process emissions; and owned or leased motor vehicles when stationary source greenhouse gas emissions are greater than 5,000 short tons CO2e. Report greenhouse gas emissions electronically in a format that can be accommodated by the registry. (State only requirement)
	22) In accordance with 310 CMR 7.71(6), certify greenhouse gas emissions reports using a form provided by the Department or the registry. (State only requirement)
	23) In accordance with 310 CMR 7.71(7), by December 31st of the applicable year submit to the Department documentation of triennial verification of the greenhouse gas emissions report. (State only requirement)

Table 6 Notes:

C. GENERAL APPLICABLE REQUIREMENTS

The Permittee shall comply with all generally applicable requirements contained in 310 CMR 7.00 et seq. and 310 CMR 8.00 et. seq., when subject.

D. REQUIREMENTS NOT CURRENTLY APPLICABLE

The Permittee is currently not subject to the following requirements:

Table 7	
Regulation	**Reason**
40 CFR Part 64	Continuous Emission Monitoring System requirements negate Compliance Assurance Monitoring (CAM) applicability
310 CMR 7.16	Number of employees falls below applicability thresholds.

Table 7 Notes:

5. SPECIAL TERMS AND CONDITIONS

The Permittee is subject to and shall comply with the following special terms and conditions that are not contained in Tables 3, 4, 5, and 6:

Table 8.	
Special Terms and Conditions	
EU 3	1) As required in Final Approval MBR-93-IND-015, dated June 24, 1996, the Permittee shall incorporate the following into its Standard Operating and Maintenance Procedures (SOMP): 1) a hydrocarbon concentration level of 0.49 percent (%), as propane, that is potentially greater than an "equivalent" 7 mg/l emission rate will initiate a visible alarm at the facility; 2) a hydrocarbon concentration level of 0.71%,as propane, that is potentially greater than the 10 mg/l emission limitation will initiate a shutdown of the facility's loading rack. The hydrocarbon concentration levels are averaged over a one hour period for all gasoline loading rack product transfers. These hydrocarbon concentration levels may be changed in the Permittee's SOMP by receiving written approval from MassDEP for a new concentration level that would initiate a visible alarm or a shutdown of the gasoline loading rack.
EU 3, 15	2) In accordance with the Renewal Application for this Operating Permit, detection of liquid or vapors leaking from a gasoline tank truck shall result in terminating active loading and notifying the truck driver of the observed leak. The leaking truck shall be prevented from loading at the Facility until such time as the tank truck has been repaired and re-certified as meeting the annual leak certification criteria under 310 CMR 7.24. In addition, within one (1) business day of identifying a leaking tank truck, the Permittee shall provide written notification to MassDEP, by electronic mail (Nero.Air@MassMail.State.MA.US) , of the leaking tank truck. Said notification shall include the tank identification number, the owner or operator of the tank truck, and the nature of the leak.
	3) As required in Final Approval MBR-93-IND-015, operate and maintain the facility's electronic interlocks to automatically prevent: a) the loading of gasoline if the back pressure in the vapor recovery lines is greater than 18 inches water column gauge pressure; and b) the loading of gasoline when the vapor recovery lines are not connected properly; and c) the loading of gasoline if the carbon adsorption system is not operating properly; and d) the loading of gasoline if the CEMS system indicates a hydrocarbon concentration level as specified in Special Condition 1) above, or in the Permittee's SOMP as approved in writing by MassDEP, that is potentially greater than the 10 mg/l emission limitation.

Table 8.	
Special Terms and Conditions	
EU 122	4) In accordance with Final Approval MBR-07-IND-016, except for emergency or scheduled inspections which require the tank to be entered by personnel, the Permittee shall not open the interior vapor space of the subject tank containing gasoline to the atmosphere through a hatch or manway, except to connect or disconnect degassing equipment or to conduct tank contents or emission sampling, unless all the following conditions are met: • The emissions of VOC and HAPs resulting from degassing shall be controlled by an abatement device that collects and processes all such vapors and gases and has an abatement efficiency of at least 90% by weight. • Demonstrate that an emissions test on the abatement system verifying operation at the required abatement efficiency was completed within the preceding 12 months and maintain a complete copy of the emissions test report, or • Perform such an emission test during the operation in question, in accordance with EPA 40 CFR, Appendix A. • The abatement device shall be operated until the concentration of VOC and HAPs in the tank is less than 10,000 ppm expressed as methane. • Tank degassing for routine planned or operational reasons shall not be conducted during the period of May 1 through September 30 inclusive (the ozone season). • MassDEP must receive written notification at least three (3) business days before the start of any routine planned or operational degassing. • Tanks designed such that there will be no standing liquid when emptied
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22,	5) Tank degassing, cleaning and sludge removal activities, as specified in the Renewal Application for this Operating Permit: Operational/Emissions Restrictions: The Permittee shall utilize an air pollution control device(s) having an overall minimum control efficiency of 98 percent by weight to control the VOC and HAPs vapor emissions from storage tank degassing activities associated with tank degassing, cleaning and sludge removal, including vacuum truck emissions, down to 5,000 parts per million (ppm). In conducting any such cleaning and degassing activities, the Permittee shall not open the interior vapor space of a tank to the atmosphere through a hatch or manway, except for the limited time necessary to connect or disconnect degassing equipment or to conduct tank contents or emissions sampling or to facilitate removal of gasoline vapors/liquids from the tank to the control device. Notwithstanding the terms of this Paragraph, the Permittee shall not be precluded from introducing liquids to or removing liquids from the tank. Reporting/Record Keeping: The Permittee shall notify MassDEP by electronic mail, as soon as practicable, but no later than one (1) business day prior to any such gasoline storage tank degassing activity. The Permittee shall subsequently submit a written report to MassDEP summarizing the degassing activity, including quantification or estimation of VOC and HAPs emissions, the reason for the degassing activity, the air pollution control device used, as well as its overall VOC and HAPs control efficiency, and the name of any contractor used to control said emissions, within fifteen (15) days of the conclusion of the degassing activity. To quantify or estimate the VOC and HAPs emissions, the Permittee shall use the American Petroleum Institute calculation techniques contained in "Evaporative Loss from the Cleaning of Storage Tanks", Technical Report 2568, dated November 2007, or other calculation techniques agreed to in writing by MassDEP and the Facility owner/operator. If the Permittee determines that there is an imminent risk of explosion if the tank is not immediately degassed, the Permittee shall not be required to provide the advance notice or use the air pollution control device described in this Paragraph. However, after the imminent risk of explosion has been alleviated, any further degassing activity shall comply with this Paragraph. Further, in such a situation, notice of the degassing activity and a written explanation of the imminent risk of explosion that occurred, its cause(s), the need for immediate degassing, the steps taken to minimize VOC and HAPs emissions, and a quantification of the resulting VOC and HAPs emissions, shall be provided to MassDEP as soon as practicable, but no later than two (2) business days after the imminent risk of explosion has been alleviated.

Table 8.	
Special Terms and Conditions	
EU 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 122	6) As specified in the Renewal Application for this Operating Permit, Seasonal Fuel Switching/Tank Landings - During seasonal fuel switching or any other roof landing event that does not trigger the requirements of Paragraph # above, where such seasonal fuel switching or other roof landing event would cause the potential emission of VOC and/or HAPs from the storage tank exceeding one (1) ton, as calculated using the emission estimation procedures found in Section 7.1-Organic Liquid Storage Tanks of EPA's most recently published compilation of air pollutant emission factors (AP-42), or other calculation techniques agreed to in writing by MassDEP and the Facility, the Permittee shall utilize an air pollution control device(s) having an overall minimum control efficiency of 98 percent by weight to control the VOC and HAPs vapor emissions from the storage tank. In conducting any such seasonal switching or roof landing event, the Permittee shall not open the interior vapor space of a tank to the atmosphere through a hatch or manway, except for the limited time necessary to connect or disconnect degassing equipment or to conduct tank contents or emissions sampling or to facilitate vapor/liquid removal from the tank. Notwithstanding the terms of this Paragraph, the Permittee shall not be precluded from introducing liquids to or removing liquids from the tank.
EU 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 22, 122	7) All Emission Units except EU 1 are subject to the requirements of 40 CFR 63.1-15, Subpart A, "General Provisions" [as indicated in Table"1" to Subpart R of 40 CFR 63]. Compliance with all applicable provisions therein is required.
Facility-wide	8) The use of portable/temporary vapor controls may be permitted for use during performance testing, tank cleaning and degassing, seasonal fuel switching/roof landings, temporary back-up and emergency needs provided the MassDEP has been notified and reviewed the proposed use of such equipment. The need for written approval from MassDEP will be evaluated on a case by case basis. The emissions from these processes will be included in the facility emission calculations

6. ALTERNATIVE OPERATING SCENARIOS

The Permittee did not request alternative operating scenarios in its Operating Permit application.

Table 9.
Alternative Operating Scenarios
NA

7. EMISSIONS TRADING

Table 10.
Emissions Trading
NA

A. INTRA-FACILITY EMISSION TRADING

The Permittee did not request intra-facility emissions trading in its Operating Permit application.

B. INTER-FACILITY EMISSION TRADING

The Permittee did not request inter-facility emissions trading in its Operating Permit application.

8. COMPLIANCE SCHEDULE

The Permittee has indicated that the facility is in compliance and shall remain in compliance with the applicable requirements contained in Sections 4 and 5.

In addition, the Permittee shall comply with any applicable requirements that become effective during the Permit term.

GENERAL CONDITIONS FOR OPERATING PERMIT

9. FEES

The Permittee has paid the permit application processing fee and shall pay the annual compliance fee in accordance with the fee schedule pursuant to 310 CMR 4.00.

10. COMPLIANCE CERTIFICATION

All documents submitted to the MassDEP shall contain certification by the responsible official of truth, accuracy, and completeness. Such certification shall be in compliance with 310 CMR 7.01(2) and contain the following language:

"I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

The "Operating Permit Reporting Kit" contains instructions and the Annual Compliance Report and Certification and the Semi-Annual Monitoring Summary Report and Certification. The "Operating Permit Reporting Kit" is available to the Permittee via the MassDEP's web site, http://www.mass.gov/dep/air/approvals/aqforms.htm#op.

A. Annual Compliance Report and Certification

The Responsible Official shall certify, annually for the calendar year, that the facility is in compliance with the requirements of this Operating Permit. The report shall be postmarked or delivered by January 30 to the MassDEP and to the Regional Administrator, U.S. Environmental Protection Agency - New England Region. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

1) the terms and conditions of the Permit that are the basis of the certification;
2) the current compliance status and whether compliance was continuous or intermittent during the reporting period;
3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods; and
4) any additional information required by the MassDEP to determine the compliance status of the source.

B. Semi-Annual Monitoring Summary Report and Certification

The Responsible Official shall certify, semi-annually on the calendar year, that the facility is in compliance with the requirements of this Permit. The report shall be postmarked or delivered by January 30 and July 30 to the MassDEP. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

1) the terms and conditions of the Permit that are the basis of the certification;
2) the current compliance status during the reporting period;
3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods;
4) whether there were any deviations during the reporting period;
5) if there are any outstanding deviations at the time of reporting, and the Corrective Action Plan to remedy said deviation;
6) whether deviations in the reporting period were previously reported;
7) if there are any outstanding deviations at the time of reporting, the proposed date of return to compliance;
8) if the deviations in the reporting period have returned to compliance and date of such return to compliance; and
9) any additional information required by the MassDEP to determine the compliance status of the source.

11. NONCOMPLIANCE

Any noncompliance with a permit condition constitutes a violation of 310 CMR 7.00: Appendix C and the Clean Air Act, and is grounds for enforcement action, for Permit termination or revocation, or for denial of an Operating Permit renewal application by the MassDEP and/or EPA. Noncompliance may also be grounds for assessment of administrative or civil penalties under M.G.L. c.21A, §16 and 310 CMR 5.00; and civil penalties under M.G.L. c.111, §142A and 142B. This Permit does not relieve the Permittee from the obligation to comply with any other provisions of 310 CMR 7.00 or the Act, or to obtain any other necessary authorizations from other governmental agencies, or to comply with all other applicable Federal, State, or Local rules and regulations, not addressed in this Permit.

12. PERMIT SHIELD

A. This facility has a permit shield provided that it operates in compliance with the terms and conditions of this Permit. Compliance with the terms and conditions of this Permit shall be deemed compliance with all applicable requirements specifically identified in Sections 4, 5, 6, and 7, for the emission units as described in the Permittee's application and as identified in this Permit.

Where there is a conflict between the terms and conditions of this Permit and any earlier approval or Permit, the terms and conditions of this Permit control.

B. The MassDEP has determined that the Permittee is not currently subject to the requirements listed in Section 4, Table 7.

C. Nothing in this Permit shall alter or affect the following:

1) the liability of the source for any violation of applicable requirements prior to or at the time of Permit issuance.

2) the applicable requirements of the Acid Rain Program, consistent with 42 U.S.C. §7401, §408(a); or

3) the ability of EPA to obtain information under 42 U.S.C. §7401, §114 or §303 of the Act.

13. ENFORCEMENT

The following regulations found at 310 CMR 7.02(8)(h) Table 6 for wood fuel, 7.04(9), 7.05(8), 7.09 (odor), 7.10 (noise), 7.18(1)(b), 7.21, 7.22, 7.70 and any condition(s) designated as "state only" are not federally enforceable because they are not required under the Act or under any of its applicable requirements. These regulations and conditions are not enforceable by the EPA. Citizens may seek equitable or declaratory relief to enforce these regulations and conditions pursuant to Massachusetts General Law Chapter 214, Section 7A

All other terms and conditions contained in this Permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the MassDEP, EPA and citizens as defined under the Act.

A Permittee shall not claim as a defense 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 Permit.

14. PERMIT TERM

This Permit shall expire on the date specified on the cover page of this Permit, which shall not be later than the date 5 years after issuance of this Permit.

Permit expiration terminates the Permittee's right to operate the facility's emission units, control equipment or associated equipment covered by this Permit, unless a timely and complete renewal application is submitted at least 6 months before the expiration date.

15. PERMIT RENEWAL

Upon the MassDEP’s receipt of a complete and timely application for renewal, this facility may continue to operate subject to final action by the MassDEP on the renewal application.

In the event the MassDEP has not taken final action on the Operating Permit renewal application prior to this Permit's expiration date, this Permit shall remain in effect until the MassDEP takes final action on the renewal application, provided that a timely and complete renewal application has been submitted in accordance with 310 CMR 7.00: Appendix C(13).

16. REOPENING FOR CAUSE

This Permit may be modified, revoked, reopened, and reissued, or terminated for cause by the MassDEP and/or EPA. The responsible official of the facility may request that the MassDEP terminate the facility's Operating Permit for cause. The MassDEP will reopen and amend this Permit in accordance with the conditions and procedures under 310 CMR 7.00: Appendix C(14).

The filing of a request by the Permittee for an Operating Permit revision, revocation and reissuance, or termination, or a notification of a planned change or anticipated noncompliance does not stay any Operating Permit condition.

17. DUTY TO PROVIDE INFORMATION

Upon the MassDEP's written request, the Permittee shall furnish, within a reasonable time, any information necessary for determining whether cause exists for modifying, revoking and reissuing, or terminating the Permit, or to determine compliance with the Permit. Upon request, the Permittee shall furnish to the MassDEP copies of records that the Permittee is required to retain by this Permit.

18. DUTY TO SUPPLEMENT

The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The Permittee shall also provide additional information as necessary to address any requirements that become applicable to the facility after the date a complete renewal application was submitted but prior to release of a draft permit.

The Permittee shall promptly, on discovery, report to the MassDEP a material error or omission in any records, reports, plans, or other documents previously provided to the MassDEP.

19. TRANSFER OF OWNERSHIP OR OPERATION

This Permit is not transferable by the Permittee unless done in accordance with 310 CMR 7.00: Appendix C(8)(a). A change in ownership or operation control is considered an administrative permit amendment if no other change in the Permit is necessary and provided that a written agreement containing a specific date for transfer of Permit responsibility, coverage and liability between current and new Permittee, has been submitted to the MassDEP.

20. PROPERTY RIGHTS

This Permit does not convey any property rights of any sort, or any exclusive privilege.

21. INSPECTION AND ENTRY

Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the MassDEP, and EPA to perform the following:

A. enter upon the Permittee's premises where an operating permit source activity is located or emissions-related activity is conducted, or where records must be kept under the conditions of this Permit;

B. have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

C. inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and

D. Sample or monitor at reasonable times any substances or parameters for the purpose of assuring compliance with the Operating Permit or applicable requirements as per 310 CMR 7.00 Appendix C(3)(g)(12).

22. PERMIT AVAILABILITY

The Permittee shall have available at the facility, at all times, a copy of the materials listed under 310 CMR 7.00: Appendix C(10)(e) and shall provide a copy of the Operating Permit, including any amendments or attachments thereto, upon request by the MassDEP or EPA.

23. SEVERABILITY CLAUSE

The provisions of this Permit are severable, and if any provision of this Permit, or the application of any provision of this Permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit, shall not be affected thereby.

24. EMERGENCY CONDITIONS

The Permittee shall be shielded from enforcement action brought for noncompliance with technology based[1] emission limitations specified in this Permit as a result of an emergency[2]. In order to use emergency as an affirmative defense to an action brought for noncompliance, the Permittee shall demonstrate the affirmative defense through properly signed, contemporaneous operating logs, or other relevant evidence that:

A. an emergency occurred and that the Permittee can identify the cause(s) of the emergency;

B. the permitted facility was at the time being properly operated;

C. during the period of the emergency, the Permittee took all reasonable steps as expeditiously as

[1] Technology based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain health based air quality standards.

[2] An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation would require immediate corrective action to restore normal operation, and that causes the source to exceed a technology based limitation under the Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operations, operator error or decision to keep operating despite knowledge of any of these things.

possible, to minimize levels of emissions that exceeded the emissions standards, or other requirements in this Permit; and

D. the Permittee submitted notice of the emergency to the MassDEP within two (2) business days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emission, and corrective actions taken.

If an emergency episode requires immediate notification to the Bureau of Waste Site Cleanup/Emergency Response, immediate notification to the appropriate parties should be made as required by law.

25. PERMIT DEVIATION

Deviations are instances where any permit condition is violated and not reported as an emergency pursuant to section 24 of this Permit. Reporting a permit deviation is not an affirmative defense for action brought for noncompliance. Any reporting requirements listed in Table 6. of this Operating Permit shall supersede the following deviation reporting requirements, if applicable.

The Permittee shall report to the MassDEP's Regional Bureau of Waste Prevention the following deviations from permit requirements, by telephone, fax or electronic mail (e-mail) , within three (3) days of discovery of such deviation:

A. Unpermitted pollutant releases, excess emissions or opacity exceedances measured directly by CEMS/COMS, by EPA reference methods or by other credible evidence, which are ten percent (10%) or more above the emission limit.

B. Exceedances of parameter limits established by your Operating Permit or other approvals, where the parameter limit is identified by the Permit or approval as surrogate for an emission limit.

C. Exceedances of Permit operational limitations directly correlated to excess emissions.

D. Failure to capture valid emissions or opacity monitoring data or to maintain monitoring equipment as required by statutes, regulations, your Operating Permit, or other approvals.

E. Failure to perform QA/QC measures as required by your Operating Permit or other approvals for instruments that directly monitor compliance.

For all other deviations, three (3) day notification is waived and is satisfied by the documentation required in the subsequent Semi-Annual Monitoring Summary and Certification. Instructions and forms for reporting deviations are found in the MassDEP Bureau of Waste Prevention Air Operating Permit Reporting Kit, which is available to the Permittee via the MassDEP's web site, http://www.mass.gov/dep/air/approvals/aqforms.htm#op .
This report shall include the deviation, including those attributable to upset conditions as defined in the Permit, the probable cause of such deviations, and the corrective actions or preventative measures taken.

Deviations that were reported by telephone, fax or electronic mail (e-mail) within 3 days of discovery, said deviations shall also be submitted in writing via the Operating Permit Deviation Report to the regional Bureau of Waste Prevention within ten (10) days of discovery. For deviations, which do not require 3-day verbal notification, follow-up reporting requirements are satisfied by the documentation required in the aforementioned Semi-Annual Monitoring Summary and Certification.

26. OPERATIONAL FLEXIBILITY

The Permittee is allowed to make changes at the facility consistent with 42 U.S.C. §7401, §502(b)(10) not specifically prohibited by the Permit and in compliance with all applicable requirements provided the Permittee gives the EPA and the MassDEP written notice fifteen days prior to said change; notification is not required for exempt activities listed at 310 CMR 7.00: Appendix C(5)(h) and (i). The notice shall comply with the requirements stated at 310 CMR 7.00: Appendix C(7)(a) and will be appended to the facility's Permit. The permit shield allowed for at 310 CMR 7.00: Appendix C(12) shall not apply to these changes.

27. MODIFICATIONS

A. Administrative Amendments - The Permittee may make changes at the facility which are considered administrative amendments pursuant to 310 CMR 7.00: Appendix C(8)(a)1., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(b).

B. Minor Modifications - The Permittee may make changes at the facility which are considered minor modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)2.,provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(d).

C. Significant Modifications - The Permittee may make changes at the facility which are considered significant modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)3., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(c).

D. No permit revision shall be required, under any approved economic incentives program, marketable permits program, emission trading program and other similar programs or processes, for changes that are provided in this Operating Permit. A revision to the Permit is not required for increases in emissions that are authorized by allowances acquired pursuant to the Acid Rain Program under Title IV of the Act, provided that such increases do not require an Operating Permit revision under any other applicable requirement.

28. OZONE DEPLETING SUBSTANCES

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

A. The Permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

1) All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR 82.106.

2) The placement of the required warning statement must comply with the requirements of 40 CFR 82.108.

3) The form of the label bearing the required warning statement must comply with the requirements of 40 CFR 82.110.

4) No person may modify, remove or interfere with the required warning statement except as described in 40 CFR 82.112.

B. The Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVAC) in Subpart B:

1) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices of 40 CFR 82.156.

2) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment of 40 CFR 82.158.

3) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

4) Persons disposing of small appliances, MVACs and MVAC-like appliances (as defined in 40 CFR 82.152) must comply with recordkeeping requirements of 40 CFR 82.166.

5) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair equipment requirements of 40 CFR 82.156.

6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

C. If the Permittee manufactures, transforms, imports or exports a class I or class II substance, the Permittee is subject to all the requirements as specified in 40 CFR Part82, Subpart A, "Production and Consumption Controls".

D. If the Permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the Permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners". The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo or system used on passenger buses using HCFC-22 refrigerant.

E. The Permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, "Significant New Alternatives Policy Program".

29. PREVENTION OF ACCIDENTAL RELEASES

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

Your facility is subject to the requirements of the General Duty Clause, under 112(r)(1) of the CAA Amendments of 1990. This clause specifies that owners or operators of stationary sources producing, processing, handling or storing a chemical in any quantity listed in 40 CFR Part 68 or any other extremely

hazardous substance have a general duty to identify hazards associated with these substances and to design, operate and maintain a safe facility, in order to prevent releases and to minimize the consequences of accidental releases which may occ