



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 2-6101-00055/00021  
Mod 0 Effective Date: 07/25/2016 Expiration Date: 07/24/2021  
Mod 1 Effective Date: 10/15/2018 Expiration Date: 07/24/2021  
Mod 2 Effective Date: 02/08/2019 Expiration Date: 07/24/2021

Permit Issued To: KINDER MORGAN LIQUIDS TERMINALS LLC  
1001 LOUISIANA ST STE 1000  
HOUSTON, TX 77002

Contact: JESSE HASSAN  
KINDER MORGAN LIQUIDS TERMINALS LLC  
78 LAFAYETTE ST  
CARTERET, NJ 07008  
(718) 966-2004

Facility: KM PHOENIX HOLDINGS LLC - BROOKLYN TERMINAL  
125 APOLLO ST  
BROOKLYN, NY 11222

Contact: VINCENT TONG  
Kinder Morgan Liquids Terminals LLC  
125 APOLLO ST  
BROOKLYN, NY 11222  
(718) 389-5966

Description:

**PERMIT DESCRIPTION**  
**KINDER MORGAN LIQUIDS TERMINALS LLC - BROOKLYN TERMINAL**  
**DEC ID # 2-6101-00055/00021 (Ren 3, Mod 2)**

This project is a minor modification for the facility to install eight (8) additional truck loading arms on the distillate rack (Emission Unit U-DRACK) and the gasoline rack (Emission Unit U-GRACK). Six (6) of the eight (8) arms will transfer gasoline and other higher vapor pressure products (fuels) at the gasoline truck loading rack. The other two (2) arms will transfer distillate fuels at the diesel truck loading rack. The total number of loading arms will increase from 28 to 33 (13 Distillate and 20 Gasoline). This modification will increase the maximum potential hourly tank truck loading rates. The gasoline emissions will be controlled by the primary or back-up - Emission Controls 0BVRU and 0PVRU).

The proposed modification will reduce the tank truck turnaround times at the facility



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and increase potential hourly tank truck loading rates (throughput). However; there will not be an increase in current permitted annual throughput limits. It will remain at 600,000,000 gallons per year and the VOC vapor recovery unit emission limit is 10 mg/l of gasoline loaded (6 hour rolling average) on the VRU as per 6 NYCRR 229.3 (d). The VRU is the control equipment and is designed to process all VOC vapor (emissions) generated during tank truck gasoline loading operations. The VRUs currently meets the permitted emissions limit of 10 milligrams of VOC vented per liter of gasoline loaded at the gasoline loading rack (i.e. 10 mg/l). The primary VRU unit (Emission Source/Control 00VRU/0PVRU) was most recently stack tested on May 10, 2017 and demonstrated an outlet VOC concentration of 0.46 mg/l. The Back-up VRU (Emission Source/Control 0AVRU/0BVRU) was most recently tested on March 28,2013 and demonstrated an outlet VOC concentration of 0.49 mg/l. These stack testing results demonstrate compliance cap from the facility remains at 76.52 tons per year (153,040 lbs/yr) of VOC.

There are thirty-three (33) tank truck loading arms at the facility, consisting of thirteen (13) loading arms dedicated to distillate fuels and twenty (20) loading arms dedicated to gasoline blends and fuel grade ethanol (FGE). All tank truck loading emissions are vented to the VRUs. VOC and HAP emissions generated during gasoline and FGE tank truck loading operations will be controlled by either the primary or back-up VRU (Emission Controls 0BVRU and 0PVRU). This modification adds six (6) gasoline truck tank loading arms; and two (2) diesel tank truck loading arms. The ethanol and additives blended into gasoline at the rack are included in the annual gasoline throughput, which is restricted to 600 million gallons per year.

The Title V Permit lists two emission units related to tank truck loading in the permit, U-DRACK and U-GRACK. Currently, Emission Unit U-DRACK represents the common physical location of all tank truck diesel loading arms and Emission Unit U-GRACK represents the common physical location of all gasoline loading arms.

All tank truck gasoline loading emissions will be vented to the existing carbon adsorption system (Emission Sources/Controls 0AVRU and 00VRU/0BVRU and 0PVRU).

The VOC emissions are predicted as follows for all tank truck loading:

Gasoline	18.0 tons
Distillate	0.19 tons
Total	18.19 tons

Although the facility is located in a severe non-attainment area, it is not subject to non-attainment major source New Source Review (6 NYCRR 231-2) since the proposed VOC emissions from this project and the contemporaneous period net increase are less than 25 tons per year (18.9 tons).



There are no new regulations that would apply to this project (minor modification).

KM Phoenix Holdings LLC - Brookly Terminal consists of four emission units: U-GRACK, U-DRACK, U-TANKS, and U-TNK32. Below is a description of each of these three emission units:

Emission Unit U-GRACK is defined as all tank truck gasoline loading arms. There are twenty (20) gasoline loading arms with this modification (adding 6 loading arms). Products transferred through the gasoline loading arms (U-GRACK) include refined petroleum products and ethanol with vapor pressure less than 76.6 kPa (11.1 psia). All VOC emissions from the gasoline loading (Emission Unit U-GRACK) are controlled by a John Zinc Vapor Recovery Unit (primary or back-up - Emission Sources/Controls 0AVRU, 0BVURU, 0OVRU and 0PVRU).

Emission Unit U-GRACK consists of Emission Point GRACK, Process 005 and Emission Sources/Controls 0AVRU, 0BVURU, 0OVRU and 0PVRU).

Emission Unit U-DRACK is defined as all tank truck distillate loading arms. There are thirteen (13) distillate loading arms with this modification (adding 2 loading arms). Products transferred through the distillate loading arm (Emission Unit U-DRACK) include refined petroleum products with vapor pressure less than 5.1 kPa (0.74 psia).

Emission Unit U-DRACK consists of Emission Point DRACK, Process 006 and Emission Source/Control DRACK.

Emission Unit U-TANKS is defined as all of the above-ground product storage tanks at the facility. There are nine (9) bulk tanks containing internal floating roofs, one (1) bulk cone roof tank, and six (6) smaller horizontal tanks. Products stored within these tanks include refined petroleum products, ethanol, and fuel additives.

The cone roof tank is locally referred to as Tank #1. Storage Tank #1 will be used to store refined petroleum products with a vapor pressure of less than or equal to 5.1 kPa (0.74 psia). PTE calculations were performed using kerosene in order to represent a worst-case-scenario for the products stored within these tanks. This is not intended to be interpreted as a restriction on the products stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of less than or equal to 5.1 kPa (0.76 psia) within these tanks.

The nine (9) tanks equipped with internal floating roofs and one (1) of the horizontal tanks are locally referred to as Tanks #2, 3, 4, 5, 6, 7, 8, 9, 10 and 35. Tanks #2, 3, 4, 5, 6, 7, 8, 9, 10 and 35 will have the flexibility of being used to store refined petroleum products (gasoline and distillate) with a vapor pressure of less than or equal to 76.6 kPa (11.1 psia) and denatured ethanol within these tanks. All of the noted tanks, with the exception of horizontal Tank #35, are equipped with an internal floating roof. Potential to emit (PTE) calculations for these tanks were done utilizing gasoline



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with an RVP of 13. RVP 13 gasoline was chosen to represent an average vapor pressure for the products to be stored within these tanks. This is not intended to be interpreted as a restriction on the products stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of less than or equal to 76.6 kPa (11.1 psia) within these tanks.

The five (5) remaining horizontal tanks are locally referred to as Tank #14, 27, 34, 37 and 41. Tanks #14, 27, 34, 37 and 41 will be used to store fuel additives with a vapor pressure of less than or equal to 0.83 kPa (0.12 psia). Potential to emit (PTE) calculations were performed using Xylene in order to represent a worst-case-scenario for the products stored within these tanks. This is not intended to be a restriction on the product stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of equal to or less than 0.83 kPa (0.12 psia) within these tanks.

This emission unit consists of Emission Points 00001, 00002, 00003, 00004, 00005, 00006, 00007, 00008, 00009, 00010, 00014, 00027, 00034, 00035, 00037 & 00041 referring to each of the storage tanks, Processes 001, 002, 003 & 004, and Emission Sources/Controls TAN01, TK02P, TK02C, TK03P, TK03C, TK04P, TK04C, TK05P, TK05C, TK06P, TK06C, TK07P, TK07C, TK08P, TK08C, TK09P, TK09C, TK10P, TK10C, TAN14, TAN27, TAN34, TAN35, TAN37 & TAN41.

Emission Unit U-TNK32 is defined as an above-ground product storage Tank #32 at the facility with an internal floating roof, storing liquids with a vapor pressure greater than 0.5 PSIA. There could be a need to store refined petroleum products (gasoline, fuel grade ethanol and distillates) with a maximum true vapor pressure of less than or equal to 76.6 kPa (11.1 psia). The maximum capacity of Tank #32 is 672,000 gallons.

Tank #32 is converting from a Cone Vertical Fixed Roof Tank to an Internal Floating Roof Tank. So, Tank #32 will be an internal floating roof tank and will have the flexibility of being used to store refined petroleum products (gasoline, fuel grade ethanol and distillate) with a maximum true vapor pressure of less than or equal to 76.6 kPa (11.1 psia).

Emission Unit U-TNK32, storage Tank # 32 is associated with Emission Point 00032, Process P32, and Emission Sources/Controls TK32P/TK32C.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:                   STEPHEN A WATTS  
  47-40 21ST ST  
  LONG ISLAND CITY, NY 11101-5401

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

DEC Permit Conditions  
Renewal 3/Mod 2/FINAL





**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

**Item D: No Right to Trespass or Interfere with Riparian Rights**

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
  - Applications for permit renewals, modifications and transfers
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  - Permit modifications, suspensions or revocations by the Department

**Facility Level**

- Submission of application for permit modification or renewal -  
REGION 2 HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

**For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.**

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

**Item 1.2:**

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

**Item 1.3:**

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**

**Applicable State Requirement: ECL 3-0301 (2) (m)**

**Item 2.1:**

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

The permittee must submit a renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

**Item 3.3:**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

**Condition 2-1: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**





**Item 2-1.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item2-1.2:**

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

**Item 2-1.3**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

**Condition 1-1: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6 NYCRR 621.11**

**Item 1-1.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item1-1.2:**

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

**Item 1-1.3**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

**Condition 4: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.



\*\*\*\* Facility Level \*\*\*\*

**Condition 5: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS**

**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 2 Headquarters  
Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997

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**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: KINDER MORGAN LIQUIDS TERMINALS LLC  
1001 LOUISIANA ST STE 1000  
HOUSTON, TX 77002

Facility: KM PHOENIX HOLDINGS LLC - BROOKLYN TERMINAL  
125 APOLLO ST  
BROOKLYN, NY 11222

Authorized Activity By Standard Industrial Classification Code:  
4226 - SPECIAL WAREHOUSING & STORAGE

Mod 0 Permit Effective Date: 07/25/2016

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Mod 1 Permit Effective Date: 10/15/2018

Permit Expiration Date: 07/24/2021

Mod 2 Permit Effective Date: 02/08/2019

Permit Expiration Date: 07/24/2021



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 1-1 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 2-1 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 1-2 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 119 6 NYCRR 211.2: Visible Emissions Limited
- 120 6 NYCRR 211.2: Compliance Certification
- 24 6 NYCRR 225-1.2: Compliance Certification
- 25 6 NYCRR 225-1.2 (d): Compliance Certification
- 26 6 NYCRR 225-1.2 (d): Compliance Certification
- 27 6 NYCRR 225-1.2 (e): Compliance Certification
- 28 6 NYCRR 225-1.2 (e): Compliance Certification
- 29 6 NYCRR 225-1.2 (f): Compliance Certification
- 30 6 NYCRR 225-1.2 (g): Compliance Certification
- 31 6 NYCRR 225-1.2 (h): Compliance Certification
- 32 6 NYCRR 225-1.6: Compliance Certification
- 33 6 NYCRR 225-3.3 (a): Compliance Certification
- 34 6 NYCRR 225-3.4 (a): Compliance Certification
- 35 6 NYCRR 225-3.4 (b): Compliance Certification
- 36 6 NYCRR 225-3.4 (c): Compliance Certification
- 37 6 NYCRR 225-3.4 (d): Compliance Certification
- 1-3 6 NYCRR 229.3 (a): Compliance Certification
- 38 6 NYCRR 229.3 (a): Compliance Certification

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- 2-2 6 NYCRR 229.3 (d): Compliance Certification
- 2-3 6 NYCRR 229.3 (d): Compliance Certification
- 1-4 6 NYCRR 229.3 (e) (1): Compliance Certification
- 39 6 NYCRR 229.3 (e) (1): Compliance Certification
- 2-4 6 NYCRR 229.4 (a) (1): Compliance Certification
- 2-5 6 NYCRR 229.4 (b): Compliance Certification
- 2-6 6 NYCRR 229.4 (b): Compliance Certification
- 40 6 NYCRR 229.5: Compliance Certification
- 1-5 6 NYCRR 229.5 (a): Compliance Certification
- 41 6 NYCRR 229.5 (c): Compliance Certification
- 42 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 43 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 44 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 1-6 40CFR 60, NSPS Subpart Kb: Compliance Certification
- 2-7 40CFR 60, NSPS Subpart Kb: Compliance Certification
- 1-7 40CFR 60.113b, NSPS Subpart Kb: Compliance Certification
- 2-8 40CFR 60.113b(a)(1), NSPS Subpart Kb: Compliance Certification
- 1-8 40CFR 60.113b(a)(2), NSPS Subpart Kb: Compliance Certification
- 47 40CFR 60.113b(a)(2), NSPS Subpart Kb: Compliance Certification
- 1-9 40CFR 60.113b(a)(4), NSPS Subpart Kb: Compliance Certification
- 48 40CFR 60.113b(a)(4), NSPS Subpart Kb: Compliance Certification
- 1-10 40CFR 60.113b(a)(5), NSPS Subpart Kb: Compliance Certification
- 49 40CFR 60.113b(a)(5), NSPS Subpart Kb: Compliance Certification
- 1-11 40CFR 60.116b, NSPS Subpart Kb: Compliance Certification
- 50 40CFR 60.116b, NSPS Subpart Kb: Compliance Certification
- 1-12 40CFR 60.502(b), NSPS Subpart XX: Compliance Certification
- 52 40CFR 60.505(f), NSPS Subpart XX: Compliance Certification
- 53 40CFR 60, NSPS Subpart IIII: Compliance and Enforcement
- 54 40CFR 63.420(a), Subpart R: Compliance Certification
- 55 40CFR 63.420(a), Subpart R: Compliance Certification
- 56 40CFR 63.420(a), Subpart R: Compliance Certification
- 57 40CFR 63.420(a), Subpart R: Compliance Certification
- 58 40CFR 63.420(a), Subpart R: Compliance Certification
- 59 40CFR 63.420(a), Subpart R: Compliance Certification
- 2-9 40CFR 63.1063(d), Subpart WW: Compliance Certification
- 1-13 40CFR 63.1063(d), Subpart WW: Compliance Certification
- 1-14 40CFR 63.1065(b), Subpart WW: Compliance Certification
- 62 40CFR 63.11089, Subpart BBBB: Compliance Certification
- 63 40CFR 63.11092(a), Subpart BBBB: Compliance Certification
- 64 40CFR 63.11093, Subpart BBBB: Notifications (63.11093 a-d)
- 65 40CFR 63.11094(b), Subpart BBBB: Compliance Certification
- 66 40CFR 63.11094(c), Subpart BBBB: Compliance Certification
- 67 40CFR 63.11094(d), Subpart BBBB: Compliance Certification
- 68 40CFR 63.11094(e), Subpart BBBB: Compliance Certification
- 69 40CFR 63.11094(f), Subpart BBBB: Compliance Certification
- 70 40CFR 63.11095(a), Subpart BBBB: Compliance Certification
- 71 40CFR 63.11095(b), Subpart BBBB: Compliance Certification
- 72 40CFR 63.11095(c), Subpart BBBB: Waiver of semi annual excess emissions report
- 73 40CFR 63, Subpart ZZZZ: Compliance and Enforcement
- 74 40CFR 63.Table(2)(d), Subpart ZZZZ: Compliance Certification
- 75 40 CFR Part 64: Compliance Certification

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2-10 40 CFR Part 97: Federal Cross-State Air Pollution Regulation (CSAPR)

**Emission Unit Level**

76 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit

77 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

**EU=U-GRACK**

78 6 NYCRR 230.6 (b): Compliance Certification

**EU=U-GRACK,EP=GRACK,Proc=005**

81 40CFR 60.502(e), NSPS Subpart XX: Compliance Certification

82 40CFR 60.505(b), NSPS Subpart XX: Compliance Certification

83 6 NYCRR 230.4 (a) (1): Compliance Certification

**EU=U-GRACK,EP=GRACK,Proc=005,ES=0BVRU**

84 6 NYCRR 230.4 (a) (2): Repairs to gasoline transport vehicles

85 6 NYCRR 230.4 (a) (3): Labelling of gasoline transport vehicles

86 6 NYCRR 230.4 (b): Compliance Certification

**EU=U-GRACK,EP=GRACK,Proc=005,ES=0BVRU**

87 6 NYCRR 230.4 (e): Leak limit

88 6 NYCRR 230.4 (f): Compliance Certification

**EU=U-GRACK,EP=GRACK,Proc=005,ES=0BVRU**

89 6 NYCRR 230.4 (g): Dome covers

90 6 NYCRR 230.6 (a): Compliance Certification

91 6 NYCRR 230.6 (b): Compliance Certification

**EU=U-GRACK,EP=GRACK,Proc=005,ES=0BVRU**

92 40CFR 60.502(f), NSPS Subpart XX: Truck loading compatibility

93 40CFR 60.502(g), NSPS Subpart XX: Vapor collection connection required

94 40CFR 60.502(h), NSPS Subpart XX: Compliance Certification

**EU=U-GRACK,EP=GRACK,Proc=005,ES=0BVRU**

95 40CFR 60.502(i), NSPS Subpart XX: Vent pressure limit

96 40CFR 60.502(j), NSPS Subpart XX: Compliance Certification

97 40CFR 60.505(b), NSPS Subpart XX: Compliance Certification

98 40CFR 60.505(c), NSPS Subpart XX: Compliance Certification

99 40CFR 63.11092(b)(1)(i)(A'), Subpart BBBB: Compliance Certification

100 40CFR 63.11092(b)(1)(i)(B)'(1)', NESHAP Subpart BBBB:

Compliance Certification

101 40CFR 63.11092(b)(1)(i)(B)'(2)', NESHAP Subpart BBBB:

Compliance Certification

102 40CFR 63.11100, Subpart BBBB: Compliance Certification

103 40 CFR Part 64: Compliance Certification

**EU=U-TANKS**

104 6 NYCRR 229.5 (a): Compliance Certification

105 40CFR 63.11093, Subpart BBBB: Notifications (63.11093 a-d)

**EU=U-TANKS,EP=00002,Proc=003,ES=TK02C**

1-15 40CFR 63.1063, Subpart WW: 1063(a)(1)(i) - Design requirements for rim seals on internal floating roof tanks

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- 107 40CFR 63.1063, Subpart WW: 1063(b) - Operational requirements
- 111 40CFR 63.11092(e)(1), Subpart BBBB: Internal floating roof inspections
- 112 40CFR 63.11094(a), Subpart BBBB: Compliance Certification
- 1-16 40CFR 63.1063(c)(1), Subpart WW: Compliance Certification
- 1-17 40CFR 63.1065(a), Subpart WW: Compliance Certification
- 1-18 40CFR 63.1065(c), Subpart WW: Compliance Certification
- 114 40CFR 60.113b(a)(5), NSPS Subpart Kb: Compliance Certification
- 115 40CFR 60.115b(a), NSPS Subpart Kb: Compliance Certification
- 116 40CFR 60.116b, NSPS Subpart Kb: Compliance Certification

**EU=U-TNK32**

- 1-19 40CFR 63.11093, Subpart BBBB: Notifications (63.11093 a-d)
- 1-20 6 NYCRR 229.3 (a): Compliance Certification
- 1-21 40CFR 60.113b(a)(1), NSPS Subpart Kb: Compliance Certification
- 1-22 40CFR 60.115b(a), NSPS Subpart Kb: Compliance Certification
- 1-23 40CFR 60.116b, NSPS Subpart Kb: Compliance Certification
- 1-24 40CFR 63.11087, Subpart BBBB: Compliance Certification
- 1-25 40CFR 63.11087, Subpart BBBB: Compliance Certification

**EU=U-TNK32,EP=TNK32,Proc=P32,ES=TK32C**

- 1-26 40CFR 63.11092(e)(1), Subpart BBBB: Internal floating roof inspections
- 1-27 40CFR 63.11094(a), Subpart BBBB: Compliance Certification

**EU=U-TNK32,EP=TNK32,Proc=P32,ES=TK32P**

- 2-11 40CFR 60.112b(a), NSPS Subpart Kb: Standards for VOCs.
- 1-28 40CFR 60.112b(a), NSPS Subpart Kb: Standards for VOCs.
- 1-29 40CFR 63.11098, Subpart BBBB: Applicability of MACT General Provisions

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 117 ECL 19-0301: Contaminant List
- 118 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 23 6 NYCRR 211.1: Air pollution prohibited
- 121 6 NYCRR 225-3.3 (b): Compliance Demonstration
- 122 6 NYCRR 225-3.4: Compliance Demonstration



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.**

**Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

**Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

**Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

**Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and





reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

**Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

**Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)**

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

**Item H: Severability - 6 NYCRR 201-6.4 (a) (9)**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

**Item I: Permit Shield - 6 NYCRR 201-6.4 (g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V



facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

**Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)**

This Title V permit shall be reopened and revised under any of the following circumstances:

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

**Item K: Permit Exclusion - ECL 19-0305**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

**Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS  
SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

**The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.**

**Condition 1: Acceptable Ambient Air Quality  
Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 200.6**

**Item 1.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where

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contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2: Fees**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)**

**Item 2.1:**

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c)**

**Item 3.1:**

The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii)The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)**

**Item 4.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all



reports required by the permit.

**Condition 5: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)**

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,

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the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual

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report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)**

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as

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specified in any special permit terms or conditions;  
and  
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section  
USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
Hunters Point Plaza  
47-40 21st Street  
Long Island City, NY 11101-5407

The address for the BQA is as follows:

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Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 202-2.1**

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 202-2.5**

**Item 8.1:**

(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 215.2**

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## Item 9.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

## Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

## **MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

**The following federally enforceable permit conditions are mandatory for all**

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**Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.**

**[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]**

**Condition 10: Maintenance of Equipment**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 11: Recycling and Salvage**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 11.1:**

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-1.8**

**Item 12.1:**

No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 13: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-3.2 (a)**

**Item 13.1:**

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

**Condition 14: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 07/25/2016 and 07/24/2021**



**Applicable Federal Requirement:6 NYCRR 201-3.3 (a)**

**Item 14.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 15: Requirement to Provide Information**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**

**Item 15.1:**

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

**Condition 1-1: Right to Inspect**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)**

**Item 1-1.1:**

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 16: Right to Inspect**  
**Effective between the dates of 07/25/2016 and 07/24/2021**



**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)**

**Item 16.1:**

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 17: Off Permit Changes**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)**

**Item 17.1:**

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

- (i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

**Condition 18: Required Emissions Tests**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 202-1.1**

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**Item 18.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

**Condition 19: Accidental release provisions.**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 19.1:**

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
  - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
  - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center  
C/O CSC  
8400 Corporate Dr  
Carrollton, Md. 20785

**Condition 20: Recycling and Emissions Reduction**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 20.1:**

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

**The following conditions are subject to annual compliance certification requirements for Title V permits only.**

**Condition 21: Emission Unit Definition**



Effective between the dates of 07/25/2016 and 07/24/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

**Item 21.1(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-DRACK

Emission Unit Description:

Emission Unit U-DRACK is defined as the all tank distillate truck loading rack. There are eleven (11) loading arms and with this modification, the facility is adding two (2) new distillate loading arms for a total of thirteen (13) distillate/FDE tank truck loading arms at the distillate truck loading rack at the terminal.

Products transferred through the loading rack include refined petroleum products with vapor pressures less than 5.1 kPa (0.74 psia).

Barge loading of recovered petroleum product from the Terminal's remediation system is also included in Emission Unit U-DRACK. Approximately 2-3 times per year, weathered petroleum products are loaded onto barges at the vessel dock and sent for further processing/treatment.

Emission Unit U-DRACK consists of Emission Points DRACK and BARGE, Processes 006 & 070 and Emission Sources/Controls RACK1 & BARGE; respectively.

Building(s): N/A

**Item 21.2(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-GRACK

Emission Unit Description:

Emission Unit U-GRACK is defined as all tank truck gasoline loading. There are fourteen (14) loading arms and with this modification, the facility is adding six (6) new gasoline loading arms for a total of twenty (20) gasoline/FGE tank truck loading arms at the terminal.

Products transferred through the gasoline loading rack/arms include refined petroleum products and ethanol with vapor pressure less than 76.6 kPa (11.1 psia). All VOC emissions from the gasoline loading rack are controlled by a John Zinc Vapor Recovery Unit (primary or back-up; respectively - Emission Sources/Controls 0AVRU, 0BVRU, 0OVRU and 0PVRU).

Emission Unit U-GRACK consists of Emission Point GRACK, Process 005 and Emission Sources/Controls RACK1 and RACK2, 0AVRU, 0BVRU, 0OVRU and 0PVRU.



Emission Source 0PVRU is the the loading of refined petroleum products and ethanol into transport vehicles process for the primary John Zinc vapor recovery unit.

Emission Source 0OVRU is the control for the primary John Zinc vapor recovery unit.

Emission Source 0BVRU is the loading of refined petroleum products and ethanol into transport vehicles process for the back-up (secondary) John Zinc vapor recovery unit.

Emission Source 0AVRU is the control for the back-up (secondary) John Zinc vapor recovery unit.

Building(s): N/A

**Item 21.3(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-TANKS

Emission Unit Description:

Emission Unit U-TANKS is defined as all of the above-ground product storage tanks at the facility. There are nine (9) bulk tanks containing internal floating roofs, one (1) bulk cone roof tank, and six (6) smaller horizontal tanks. Products stored within these tanks include refined petroleum products, ethanol, and fuel additives.

The cone roof tank is locally referred to as Tank #1. Storage Tank #1 will be used to store refined petroleum products with a vapor pressure of less than or equal to 5.1 kPa (0.74 psia). PTE calculations were performed using kerosene in order to represent a worst-case-scenario for the products stored within these tanks. This is not intended to be interpreted as a restriction on the products stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of less than or equal to 5.1 kPa (0.76 psia) within these tanks.

The nine (9) tanks equipped with internal floating roofs and one (1) of the horizontal tanks are locally referred to as Tanks #2, 3, 4, 5, 6, 7, 8, 9, 10 and 35. Tanks #2, 3, 4, 5, 6, 7, 8, 9, 10 and 35 will have the flexibility of being used to store refined petroleum products (gasoline, fuel grade ethanol and distillate) with a maximum true vapor pressure of less than or equal to 76.6 kPa (11.1 psia). All of the noted tanks, with the exception of horizontal Tank #35, are equipped with an internal floating roof. Potential to emit (PTE) calculations for these tanks were done utilizing gasoline



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with an RVP of 13. RVP 13 gasoline was chosen to represent an average vapor pressure for the products to be stored within these tanks. This is not intended to be interpreted as a restriction on the products stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of less than or equal to 76.6 kPa (11.1 psia) within these tanks.

The five (5) remaining horizontal tanks are locally referred to as Tank #14, 27, 34, 37 and 41. Tanks #14, 27, 34, 37 and 41 will be used to store fuel additives with a vapor pressure of less than or equal to 0.83 kPa (0.12 psia). Potential to emit (PTE) calculations were performed using Xylene in order to represent a worst-case-scenario for the products stored within these tanks. This is not intended to be a restriction on the product stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a maximum true vapor pressure of equal to or less than 0.83 kPa (0.12 psia) within these tanks.

This emission unit consists of Emission Points 00001, 00002, 00003, 00004, 00005, 00006, 00007, 00008, 00009, 00010, 00014, 00027, 00034, 00035, 00037 & 00041 referring to each of the storage tanks, Processes 001, 002, 003 & 004, and Emission Sources/Controls TAN01, TK02P, TK02C, TK03P, TK03C, TK04P, TK04C, TK05P, TK05C, TK06P, TK06C, TK07P, TK07C, TK08P, TK08C, TK09P, TK09C, TK10P, TK10C, TAN14, TAN27, TAN34, TAN35, TAN37 & TAN41.

Building(s): N/A

**Item 21.4(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-TNK32

Emission Unit Description:

Tank #32 will be an internal floating roof tank storing liquids with a vapor pressure greater than 0.5 PSIA.

**Condition 22: Progress Reports Due Semiannually**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 22.1:**

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:



(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 2-1: Non Applicable requirements**  
**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (g)**

**Item 2-1.1:**

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

(From Mod 2) 6 NYCRR Subpart 231-2  
Reason: ANALYSIS OF CONTEMPORANEOUS EMISSION INCREASE:

The Kinder Morgan Brooklyn Terminal is a major VOC emitting facility located within severe Ozone non-attainment area. The facility is proposing to increase the total number of loading arms from 28 to 33 (13 Distillate and 20 Gasoline). This modification will increase the maximum potential hourly tank truck loading rates. New Source Review (NSR) permitting requirements apply to a new VOC source at such facilities only if the proposed new source causes a net emission increase in the facility's potential to emit, which when aggregated with the other qualifying emissions increases, results in a net emission increase of 25 tons/year or more.

The requirements of 6 NYCRR 231-6.1 (2) apply to modifications with a project emission potential which equals or exceeds the applicable significant project threshold but does not result in an NSR major modification. The facility owner or operator must comply with the provision of section 231-6.2 of this Subpart, which requires a netting analysis.

A netting emission increase determination shall be confined to the appropriate contemporaneous period, which is the period beginning five (5) years before the proposed commence construction date of the new or modified emission source, and ending with the proposed start of operation date. Those emissions that occurred over the contemporaneous period must be included in calculating the potential emission increase.

The following data documents the VOC emission increases

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during the 5-year look back period for Kinder Morgan Brooklyn terminal:

Year Increase	Project Name	VOC
April 2013 0	N/A	
2014 0	N/A	
2015 0	N/A	
2016 0	N/A	
2017 0	N/A	
2018	Tank #32 conversion to IFR	8.16
2018	U-DRACK Modification	4.4

Total VOC Emissions Increase  
12.56

5-Year Look Back Period (2013 - 2018):

The average past actuals VOC emissions are the average of the loading rack U-DRACK emissions for 2016 and 2017:

Year	Actual VOC Emissions (Tons)
2016	16.75
2017	10.83
Average	13.79

Net Increase in VOC Emissions = Emission Increase - Past 2-year Actual Emissions Average - Emission Decreases

Net Increase in VOC Emissions = Tank # 32 modification PTE + Loading Rack U-DRACK PTE - Average of past actual for the Loading Rack U-DRACK = Net VOC Increase = 8.16 tons + 18.18 tons - 13.79 tons = 12.56 tons of VOC emissions

Therefore; the modification to U-DRACK will not trigger



the New Source Review Requirements of 6 NYCRR Part 231.

**Condition 1-2: Non Applicable requirements**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (g)**

**Item 1-2.1:**

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

(From Mod 1) 6 NYCRR Subpart 231-2

Reason: Analysis of Contemporaneous Emission Increase:

The Kinder Morgan Brooklyn Terminal is a major VOC emitting facility located within severe Ozone non-attainment area Ozone non-attainment area. The facility is proposing to convert an existing fixed roof tank (Tank #32) to an internal floating roof tank to allow the storage of gasoline. New Source Review (6 NYCRR 231-2) permitting requirements apply to a new VOC source at such facilities only if the proposed new source causes in a net emission increase in the facility's potential to emit (PTE) which, when aggregated with the other qualifying new emissions increases, results in a net emission increase of 25 tons/year.

The requirements of 6 NYCRR 231-6.1 (2) apply to a modification with a project emission potential which equals or exceeds the applicable significant project threshold, but does not result in a New Source Review major modification. The facility owner or operator must comply with the provision of section 231-6.2 of this Subpart, which requires a netting analysis.

A netting emission increase determination shall be confined to the appropriate contemporaneous period, which is the five-year period beginning with the prior to the proposed commence construction date of the new or modified emission source, and ending with the proposed commence operation date. Those emissions that occurred over the contemporaneous period must be included in calculating the potential emission increase.

Below is the calculated VOC emission increases during the five-year period from April 2013 to April 2018 of the Kinder Morgan Brooklyn Terminal:

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Year Increase	Project Name	VOC
April 2013 0	N/A	
2014 0	N/A	
2015 0	N/A	
2016 0	N/A	
2017 0		
April 2018	Conversion of Tank #32 to IFR	8.17 tpy

Total VOC Increase from Tank # 32 = 8.17 tpy

Contemporaneous period is from April 2013 to April 2018, Net VOC emission Increase is 8.17 tpy.

Therefore, converting Tank #32 from a Vertical Fixed Roof (VFR) tank to an Internal Floating Roof (IFR) tank to store gasoline will not trigger the New Source Review requirements of 6 NYCRR Part 231 since the proposed emissions from the project and the contemporaneous period net increase is less than 25 tons per year.

**Condition 119: Visible Emissions Limited**  
Effective between the dates of 07/25/2016 and 07/24/2021

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 119.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 120: Compliance Certification**  
Effective between the dates of 07/25/2016 and 07/24/2021

**Applicable Federal Requirement:6 NYCRR 211.2**

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**Item 120.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 120.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility to establish a complaint response procedure to manage complaints related to air emissions from the facility. The procedure shall be designed to ensure that complaints from officials and neighbors are adequately received and documented, and that the appropriate response is taken by the facility. The facility shall:

1. Have a complaint phone line available 24 hours a day, 7 days a week.
2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstances which is found to be the cause of the complaint.
4. Fully document the complaint, results of the investigation, and any action taken.
5. Report in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 24:    Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 225-1.2**

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 24.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate

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oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014 and are limited to the firing of distillate oil including number two heating oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016.

The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart. All records must be maintained at the facility for a minimum of five years.

Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance takes place.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.0015 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 3 calendar month(s).

**Condition 25: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-1.2 (d)**

**Item 25.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 25.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:  
No person shall sell, offer for sale, purchase or use any

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residual oil which has sulfur content greater than 0.30 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

No person shall sell, offer for sale, purchase or use any residual fuel which contains sulfur in a quantity exceeding the limitations specified in Table 1 for 6 NYCRR 225-1.2(c), Table 2 for 6 NYCRR 225-1.2(d) and Table 3 for 6 NYCRR 225-1.2(d) of this section and as appropriate for outside of the New York City area. The sulfur limit is listed below (0.30 percent by weight) for residual fuel (# 4, 5, and/or 6 fuel oil) is for the New York City area. The monitoring frequency is per batch of product delivered to the Brooklyn Terminal/raw material change.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.30 percent by weight  
Reference Test Method: ASTM METHOD D4292  
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 26: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-1.2 (d)**

**Item 26.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 26.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:  
Owners and/or operators of any stationary combustion installation that fires residual oil are limited to the firing of residual oil with a sulfur content of 0.30% sulfur.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a





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Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.30 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 27: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-1.2 (e)**

**Item 27.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any residual oil which has sulfur content greater than 0.30 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

No person shall sell, offer for sale, purchase or use any residual fuel which contains sulfur in a quantity exceeding the limitations specified in Table 1 for 6 NYCRR 225-1.2(c), Table 2 for 6 NYCRR 225-1.2(d) and Table 3 for 6 NYCRR 225-1.2(d) of this section and as appropriate for outside of the New York City area. The sulfur limit is listed below (0.30 percent by weight) for residual fuel (# 4, 5, and/or 6 fuel oil) is for the New York City area. The monitoring frequency is per batch of product delivered to the Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal/raw material change.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.30 percent by weight

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Reference Test Method: ASTM METHOD D4292  
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 28: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-1.2 (e)**

**Item 28.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 28.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires residual oil are limited to the purchase of residual oil with a sulfur content of 0.50% sulfur on or after July 1, 2014 and to the firing of residual oil with a sulfur content of 0.50% on or after July 1, 2016.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.50 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 29: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**



**Applicable Federal Requirement:6 NYCRR 225-1.2 (f)**

**Item 29.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 HEATING OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 30: Compliance Certification**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (g)**

**Item 30.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.0015 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 31: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-1.2 (h)**

**Item 31.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 31.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period.

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All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.0015 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 32: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 225-1.6**

**Item 32.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§225-1.6 Reports, sampling, and analysis.

(a) The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart.

(b) (1) Any person who sells oil and/or coal must retain, for at least five years, records containing the following information:

(i) fuel analyses and data on the quantities of all oil and coal received; and

(ii) the names of all purchasers, fuel analyses, and data on the quantities of all oil and coal sold.

(2) Such fuel analyses must contain, as a minimum:

(i) data on the sulfur content, ash content, specific gravity, and heating value of residual oil;

(ii) data on the sulfur content, specific gravity, and heating value of distillate oil; and



(iii) data on the sulfur content, ash content, and heating value of coal.

(c) Sampling, compositing, and analysis of fuel samples must be done in accordance with methods acceptable to the department.

(d) Facility owners or fuel distributors required to maintain and retain records pursuant to this Subpart must make such records available for inspection by the department.

(e) Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the department, and must be retained for at least five years. The owner of a Title V facility must furnish to the department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the department.

(f) Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance takes place.

Monitoring Frequency: PER DELIVERY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 33: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-3.3 (a)**

**Item 33.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 33.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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No person shall sell or supply gasoline to a retailer or wholesale purchaser-consumer, having a Reid Vapor Pressure (RVP) greater than 9.0 psi as sampled and tested by methods acceptable to the Commissioner, during the period between May 1 through September 15 of each year beginning 1989. Those records should identify who performed the test, when the fuel was delivered, when the test was performed, and the results of the test. The facility shall maintain records pursuant to 6 NYCRR 225-3 and must make the records available for inspection during normal business hours, at the location from which the gasoline was delivered, sold or dispensed, to the Commissioner's representative. The facility must also furnish copies of these records to the Commissioner's representative upon request. All records and documentation required to be made or maintained in accordance with 6 NYCRR 225-3, including any calculations performed, shall be maintained for at least two (2) years from the date of delivery.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: GASOLINE

Parameter Monitored: REID VAPOR PRESSURE

Upper Permit Limit: 9.0 pounds per square inch absolute

Reference Test Method: ASTM D323-99a

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 34: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-3.4 (a)**

**Item 34.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any refinery, terminal, or bulk plant from which gasoline, subject to this Subpart, is distributed must maintain records on the gasoline that is delivered to or distributed from such facilities. These records shall include:

(1) The RVP of the gasoline if subject to section 225-3.3

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of this Subpart.

(2) A designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.

(3) Written certification that the gasoline:

(i) conforms with all RVP and oxygen content requirements of this Subpart; and

(ii) is in compliance with all applicable State and Federal regulations which apply during the time period(s) specified pursuant to paragraph (3) of this subdivision.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 35: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 225-3.4 (b)**

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be provided with gasoline which is distributed from this facility:

(1) A copy of the certification produced for paragraph (a)(3) of 6 NYCRR Part 225-3.4.

(2) Documentation of the maximum RVP of the gasoline if the gasoline was subject to section 225-3.3 of this Subpart.

(3) Designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.

(4) Documentation of the shipment quantity and the shipment date of the gasoline being distributed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 36: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 225-3.4 (c)**

**Item 36.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each retailer or wholesale purchaser-consumer shall maintain records on each delivery of gasoline. These records shall include the following information:

- (1) A copy of the certification that demonstrates the gasoline conforms with all applicable RVP and oxygen content requirements of 6 NYCRR Part 225-3.
- (2) Documentation of the maximum RVP of the gasoline if the gasoline was subject to 6 NYCRR Part 225-3.3.
- (3) Designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.
- (4) Documentation of the shipment quantity and the shipment date of the gasoline being distributed.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 37: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 225-3.4 (d)**

**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility is required to maintain records in one or more of the following subdivisions; 6 NYCRR Part 225-3.4(a), (b) or (c). The records must be made available to the



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commissioner or his or her representative, for inspection during normal business hours, at the location from which the gasoline was delivered, sold, or dispensed. The facility must furnish copies of these records to the commissioner or his or her representative upon request. Facility shall maintain all records and documentation required to be made or maintained in accordance with 6 NYCRR Part 225-3.4, including any calculations performed, for at least two years from date of delivery.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-3: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.3 (a)**

**Item 1-3.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32C
Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 1-3.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee must visually inspect the vapor collection and control systems per 40 CFR 60.113b(a)(1-4). To ensure compliance with Part 229, the vapor collection and vapor control systems are to be maintained and operated in such a way as to ensure the integrity and efficiency of the system. The permittee must visually inspect the floating roof and secondary seals from the roof hatch on an annual basis. The permittee must perform a complete inspection of the floating roof and primary and secondary seals with the storage tank empty every ten (10) years per 40 CFR 60.113b(a)(1-4). Records of all inspections must be maintained on site for a period of five (5) years. Inspection records shall contain the dates of all inspections, inspection findings, and a listing of all equipment repairs or replacements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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**DESCRIPTION**

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

Subsequent reports are due every 6 calendar month(s).

**Condition 38: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.3 (a)**

**Item 38.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02C
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03C
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04C
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05C
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06C
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07C
Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08C
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK09C
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK10C

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee must visually inspect the vapor collection and control systems per 40 CFR 60.113b(a)(1-4). To ensure

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compliance with Part 229, the vapor collection and vapor control systems are to be maintained and operated in such a way as to ensure the integrity and efficiency of the system. The permittee must visually inspect the floating roof and secondary seals from the roof hatch on an annual basis. The permittee must perform a complete inspection of the floating roof and primary and secondary seals with the storage tank empty every ten (10) years per 40 CFR 60.113b(a)(1-4). Records of all inspections must be maintained on site for a period of five (5) years. Inspection records shall contain the dates of all inspections, inspection findings, and a listing of all equipment repairs or replacements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 2-2: Compliance Certification**  
**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.3 (d)**

**Item 2-2.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0AVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0BVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0OVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0PVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: RACK2

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 2-2.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

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**Monitoring Description:**

Emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total Volatile Organic Compounds (VOC) per liter of gasoline loaded. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal is voluntarily accepting a lower limit of 10 mg/l. A performance test was conducted on the primary VRU (Emission Control 0PVRU) on April 24, 2002 and tested at 0.89 mg/l, and again on May 31, 2007 and tested at 0.26 mg/l. A performance test was conducted on the back-up VRU (Emission Control 0BVRU) on September 24, 2008 and tested at 4.43 mg/l.

A performance test was conducted on May 31, 2012 on the primary VRU unit (Emission Source/Control 0OVRU/0PVRU) which tested at 0.34 mg/l. A performance test was conducted on the back up VRU unit (Emission Source/Control 0AVRU/0BVRU) on August 28, 2013 and tested at 0.49 mg/l.

A performance test was conducted on May 10, 2017 on the primary VRU unit (Emission Source/Control 0OPVRU/0PVRU) which tested at 0.46 mg/l.

A performance test was conducted on March 28, 2018 on the back-up VRU unit (Emission Source/Control 0AVRU/0BVRU) and tested at 1.4 mg/l.

The facility is required to conduct another performance test on these two units within five (5) years of the last performance test date.

Parameter Monitored: VOC

Upper Permit Limit: 10 milligrams per liter

Reference Test Method: USEPA METHOD 2A, 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 2-3: Compliance Certification**  
**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 229.3 (d)**

**Item 2-3.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-DRACK  
Process: 006

Emission Point: BARGE  
Emission Source: RACK1

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Emission Unit: U-DRACK Process: 006	Emission Point: DRACK Emission Source: RACK1
Emission Unit: U-DRACK Process: 070	Emission Point: BARGE Emission Source: BARGE
Emission Unit: U-DRACK Process: 070	Emission Point: DRACK Emission Source: BARGE
Emission Unit: U-DRACK Process: 070	Emission Point: DRACK Emission Source: RACK1
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0AVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0BVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0OVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0PVRU

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 2-3.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person may load gasoline into a gasoline transport vehicle at a gasoline loading terminal, unless the loading terminal is equipped with gasoline vapor collection and vapor control systems operating in good working order. A required vapor collection system consists of:

- i. hatch loading systems which include a loading arm with a vapor collection system adaptor, a vapor-tight seal between the adaptor and hatch, and a method of preventing drainage of liquid gasoline from the loading arm when it is removed from the hatch or for complete drainage of the loading arm before such removal;
- ii. bottom loading systems which include a connecting pipe or hose equipped with vapor-tight fittings that will automatically and immediately close upon disconnection to prevent release of gasoline vapors;



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iii. a connecting device between the gasoline transport vehicle and the dispensing equipment that interrupts the flow of gasoline to prevent overfilling and spillage; and

iv. a system that prevents the flow of gasoline into gasoline transport vehicles unless the fuel product line and vapor collection system are both connected so as to prevent liquid product leaks and vapor loss.

The gasoline vapor collection and control systems must capture gasoline vapors during loading and unloading of gasoline transport vehicles and must condense, adsorb, adsorb, or combust gasoline vapors so emissions do not exceed 0.67 pounds/1000 gallons.

Parameter Monitored: VOC

Upper Permit Limit: 0.67 pounds per 1000 gallons

Reference Test Method: USEPA METHOD 2A, 25A

Monitoring Frequency: PER DELIVERY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-4: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 229.3 (e) (1)**

**Item 1-4.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32C

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0      VOC

**Item 1-4.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For a fixed roof storage tank storing volatile organic liquids, the tanks must be equipped with an internal

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floating roof with a liquid-mounted primary seal and gasketed fittings or equivalent control. Replacement of other than liquid-mounted seals is to be performed when the tank is cleaned and gas-freed for other purposes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

Subsequent reports are due every 12 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 07/25/2016 and 07/24/2021

Applicable Federal Requirement:6 NYCRR 229.3 (e) (1)

Item 39.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Table with 2 columns: Emission Unit/Process and Emission Point/Source. Rows include U-TANKS Process: 003 with various emission points (00002 to 00010) and sources (TK02C to TK10C).

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 39.2:



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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For a fixed roof storage tank storing volatile organic liquids, the tanks must be equipped with an internal floating roof with a liquid-mounted primary seal and gasketed fittings or equivalent control. Replacement of other than liquid-mounted seals is to be performed when the tank is cleaned and gas-freed for other purposes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 2-4: Compliance Certification**  
**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.4 (a) (1)**

**Item 2-4.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 2-4.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) The owner and/or operator of a vapor collection and control system must follow notification requirements, protocol requirements and test procedures of Part 202 of this Title for testing and monitoring to determine compliance with the emission limits and control requirements required of this Part. Depending upon conditions at a test site, one of the following test methods from Appendix A of 40 CFR part 60 (see table 1, section 200.9 of this Title) must be used to determine volatile organic compound (VOC) concentrations of a gas stream at the inlet and outlet of a control device:

(1) Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography.

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(2) Method 25, Determination of Total Gaseous Organic Emissions as Carbon.

(3) Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer.

(4) Methods not listed above must be approved in advance by the department's representative and the United States Environmental Protection Agency.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-5: Compliance Certification**  
**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.4 (b)**

**Item 2-5.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 2-5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

Capping recordkeeping requirements

Monitoring Frequency: ANNUALLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-6: Compliance Certification**  
**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.4 (b)**

**Item 2-6.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 2-6.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Capping recordkeeping requirements:

(b) Any facility which is not subject to the control requirements of this Part because its annual potential to emit volatile organic compounds are below the applicability levels, must maintain records in a format acceptable to the commissioner's representative that verify the facility's annual potential to emit VOC. Upon request, these records must be submitted to the department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 40: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.5**

**Item 40.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a gasoline bulk plant, gasoline loading terminal, petroleum liquid storage tank, marine loading vessel facility, or volatile organic liquid storage tank subject to this Part must maintain the following records at the facility for a period of five (5) years:

1. Capacities of petroleum liquid storage tanks subject to section 229.3(a) or (b) of this Part in gallons;
2. Average daily gasoline throughput per day for gasoline bulk plants subject to section 229.3(c) of this Part, in gallons;
3. Average daily gasoline throughput for gasoline loading subject to section 229.3(d) of this Part, in gallons per year;and
4. Capacities of volatile organic liquid storage tanks, subject to section 229.3(e) of this Part, in gallons.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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**DESCRIPTION**

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 1-5: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.5 (a)**

**Item 1-5.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32C
Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32P

**Item 1-5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping of capacities of petroleum liquid storage tanks - Records must be maintained at the facility for five years.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2019.  
Subsequent reports are due every 12 calendar month(s).

**Condition 41: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.5 (c)**

**Item 41.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Recordkeeping of average daily gasoline throughput for gasoline loading terminals. Records must be maintained at the facility for five (5) years. The average daily throughput is calculated by dividing the annual throughput by the number of workdays during the 12-month period which begins January 1st and ends on December 31st.

Monitoring Frequency: DAILY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 42: EPA Region 2 address.**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A**

**Item 42.1:**

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance  
USEPA Region 2  
290 Broadway, 21st Floor  
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

**Condition 43: Recordkeeping requirements.**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A**

**Item 43.1:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 44: Facility files for subject sources.**  
**Effective between the dates of 07/25/2016 and 07/24/2021**



**Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A**

**Item 44.1:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations;all continuous monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 1-6: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart Kb**

**Item 1-6.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 001	Emission Point: 00008 Emission Source: TK08C
Emission Unit: U-TANKS Process: 001	Emission Point: 00008 Emission Source: TK08P
Emission Unit: U-TANKS Process: 001	Emission Point: 00009 Emission Source: TK09C
Emission Unit: U-TANKS Process: 001	Emission Point: 00009 Emission Source: TK09P
Emission Unit: U-TANKS Process: 001	Emission Point: 00010 Emission Source: TK10C
Emission Unit: U-TANKS Process: 001	Emission Point: 00010 Emission Source: TK10P
Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08C
Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08P
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK09C
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK09P
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK10C



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Emission Unit: U-TANKS  
Process: 003

Emission Point: 00010  
Emission Source: TK10P

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32C

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 1-6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NSPS for petroleum liquid storage tanks over 40,000 gallons capacity - standard for VOC is only applicable to Tanks #8, # 9, #10 & #32. All of the remaining thirteen (13) storage tanks are less than 40,000 gallons in capacity or were constructed and began operation on or before 1972, which is before the applicability date of 7/23/1984 for 40 CFR 60 Subpart Kb. These thirteen (13) tanks are Tanks # 1, # 2, # 3, # 4, # 5, # 6, # 7, # 14, # 27, # 34, # 35, # 37 & # 41. A change in products stored in the storage tanks or installation of floating roof does not subject the storage tanks to the requirements of 40 CFR 60 Subpart Kb.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-7: Compliance Certification**

**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart Kb**

**Item 2-7.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS  
Process: 001

Emission Point: 00008  
Emission Source: TK08C

Emission Unit: U-TANKS  
Process: 001

Emission Point: 00008  
Emission Source: TK08P

Emission Unit: U-TANKS  
Process: 001

Emission Point: 00009  
Emission Source: TK09C

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Emission Unit: U-TANKS Process: 001	Emission Point: 00009 Emission Source: TK09P
Emission Unit: U-TANKS Process: 001	Emission Point: 00010 Emission Source: TK10C
Emission Unit: U-TANKS Process: 001	Emission Point: 00010 Emission Source: TK10P
Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08C
Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08P
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK09C
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK09P
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK10C
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK10P
Emission Unit: U-TNK32 Process: P32	Emission Point: TNK32 Emission Source: TK32C
Emission Unit: U-TNK32 Process: P32	Emission Point: TNK32 Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 2-7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NSPS for petroleum liquid storage tanks over 40,000 gallons capacity - standard for VOC is only applicable to Tanks #8, # 9, #10 & #32. All of the remaining thirteen (13) storage tanks are less than 40,000 gallons in capacity or were constructed and began operation on or before 1972, which is before the applicability date of 7/23/1984 for 40 CFR 60 Subpart Kb. These thirteen (13) tanks are Tanks # 1, # 2, # 3, # 4, # 5, # 6, # 7, # 14, # 27, # 34, # 35, # 37 & # 41. A change in products stored in the storage tanks or installation of floating roof does





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not subject the storage tanks to the requirements of 40 CFR 60 Subpart Kb.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-7: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b, NSPS Subpart Kb**

**Item 1-7.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK08C
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK08P
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK09C
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK09P
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK10C
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK10P
Emission Unit: U-TNK32 Process: P32	Emission Point: TNK32 Emission Source: TK32C
Emission Unit: U-TNK32 Process: P32	Emission Point: TNK32 Emission Source: TK32P

**Item 1-7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is required to 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 the initial fill.

Also, the facility is to retain accessible tank dimensions



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for the life of the tank. Finally, the facility is to maintain product storage records for at least three (3) years.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2019.  
Subsequent reports are due every 12 calendar month(s).

**Condition 2-8: Compliance Certification**  
**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(1), NSPS Subpart**

**Kb**

**Item 2-8.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32C
Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32P

**Item 2-8.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall 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 Volatile Organic Liquid. If there are holes, tears, or other openings in the primary seal, secondary seal, or the seal fabric, or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-8: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(2), NSPS Subpart**

**Kb**

**Item 1-8.1:**

The Compliance Certification activity will be performed for the facility:



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The Compliance Certification applies to:

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32C

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0      VOC

**Item 1-8.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For vessels equipped with a liquid-mounted or a mechanical shoe primary seal, the owner or operator shall visually inspect the internal floating roof and the primary seal (or the secondary seal if one exists) through manholes and roof hatches on the fixed roof at least once every twelve (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 owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

Subsequent reports are due every 12 calendar month(s).

**Condition 47:      Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(2), NSPS Subpart**

**Kb**

**Item 47.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS                      Emission Point: 00008  
Process: 003                                      Emission Source: TK08C

Emission Unit: U-TANKS                      Emission Point: 00009  
Process: 003                                      Emission Source: TK09C



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Emission Unit: U-TANKS  
Process: 003

Emission Point: 00010  
Emission Source: TK10C

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For vessels equipped with a liquid-mounted or a mechanical shoe primary seal, the owner or operator shall visually inspect the internal floating roof and the primary seal (or the secondary seal if one exists) through manholes and roof hatches on the fixed roof at least once every twelve (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 owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 1-9: Compliance Certification**

**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(4), NSPS Subpart**

**Kb**

**Item 1-9.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32C

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 1-9.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator 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, either 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% open area, the owner or operator shall repair the items as necessary so that none of these conditions exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than ten (10) years in the case of vessels conducting the annual visual inspections as specified in 40 CFR 60.113b(a)(2) and at intervals of no greater than five (5) years in the case of vessels equipped with double seals that do not choose to perform the annual visual inspection option.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

Subsequent reports are due every 6 calendar month(s).

**Condition 48: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(4), NSPS Subpart**

**Kb**

**Item 48.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00008  
Emission Source: TK08C

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00009  
Emission Source: TK09C

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00010  
Emission Source: TK10C

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**New York State Department of Environmental Conservation**

Permit ID: 2-6101-00055/00021

Facility DEC ID: 2610100055



**Item 48.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator 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, either 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% open area, the owner or operator shall repair the items as necessary so that none of these conditions exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than ten (10) years in the case of vessels conducting the annual visual inspections as specified in 40 CFR 60.113b(a)(2) and at intervals of no greater than five (5) years in the case of vessels equipped with double seals that do not choose to perform the annual visual inspection option.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-10: Compliance Certification**

**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(5), NSPS Subpart**

**Kb**

**Item 1-10.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32C

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 1-10.2:**

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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 49: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(5), NSPS Subpart**

**Kb**

**Item 49.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS                      Emission Point: 00008  
Process: 003                                      Emission Source: TK08C

Emission Unit: U-TANKS                      Emission Point: 00009  
Process: 003                                      Emission Source: TK09C

Emission Unit: U-TANKS                      Emission Point: 00010  
Process: 003                                      Emission Source: TK10C

Regulated Contaminant(s):  
CAS No: 0NY998-00-0      VOC

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-11: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

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**Applicable Federal Requirement:40CFR 60.116b, NSPS Subpart Kb**

**Item 1-11.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32C

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32P

**Item 1-11.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is to retain accessible tank dimensions for the life of the tank. The facility is to maintain product storage records for at least three (3) years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

Subsequent reports are due every 12 calendar month(s).

**Condition 50: Compliance Certification**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.116b, NSPS Subpart Kb**

**Item 50.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00008  
Emission Source: TK08C

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00009  
Emission Source: TK09C

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00010  
Emission Source: TK10C

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is to retain accessible tank dimensions for the life of the tank. The facility is to maintain product



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storage records for at least three (3) years.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 1-12: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement: 40CFR 60.502(b), NSPS Subpart XX**

**Item 1-12.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 1-12.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: AMBIENT AIR MONITORING

Monitoring Description:

Emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total Volatile Organic Compounds (VOC) per liter of gasoline loaded. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal is voluntarily accepting a lower limit of 10 mg/l.

A performance test was conducted on the primary VRU (Emission Control 0PVRU) on April 24, 2002 and tested at 0.89 mg/l, and again on May 31, 2007 and tested at 0.26 mg/l. A performance test was conducted on the back-up VRU (Emission Control 0BVRU) on September 24, 2008 and tested at 4.43 mg/l.

A performance test was conducted on May 31, 2012 on the primary VRU unit (Emission Source/Control 0OVRU/0PVRU) which tested at 0.34 mg/l. A performance test was conducted on the back up VRU unit (Emission Source/Control 0AVRU/0BVRU) on August 28, 2013 and tested at 0.49 mg/l.

A performance test was conducted on May 10, 2017 on the primary VRU unit (Emission Source/Control 0OVRU/0PVRU) which tested at 0.46 mg/l.

A performance test was conducted on March 28, 2018 on the back-up VRU unit (Emission Source/Control 0AVRU/0BVRU)

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which tested at 1.4 mg/l.

The facility is required to conduct performance tests on these two units within five (5) years of the previous performance tests.

Upper Permit Limit: 10 milligrams per liter
Reference Test Method: 25A or 25B
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 07/25/2016 and 07/24/2021

Applicable Federal Requirement:40CFR 60.505(f), NSPS Subpart XX

Item 52.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-GRACK Emission Point: GRACK
Process: 005 Emission Source: 0BVRU
Emission Unit: U-GRACK Emission Point: GRACK
Process: 005 Emission Source: 0PVRU

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records of all replacement or new components on an existing vapor processing system must be retained at the terminal for at least three (3) years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 53: Compliance and Enforcement
Effective between the dates of 07/25/2016 and 07/24/2021

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 53.1:

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The Department has not accepted delegation of 40 CFR Part 60 Subpart IIII. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 60 Subpart IIII during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

**Condition 54: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.420(a), Subpart R**

**Item 54.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 001330-20-7 XYLENE, M, O & P MIXT.

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

The facility is limiting the gasoline annual throughput to 600,000,000 gallons and hence avoiding compliance with 40 CFR 63 Subpart R. By limiting the gasoline annual throughput, the facility is also limiting any individual HAP emission to under 10 tons per year. To remain below the applicability criteria of the gasoline distribution MACT, the facility shall not exceed a gasoline throughput of 600,000,000 gallons per year on a twelve months rolling average basis. This will ensure that the emissions screening factors for bulk gasoline is less than 1.0. Records of the annual gasoline throughput and the HAP emissions will be maintained at the facility for a period of five years. A letter certifying that the facility has not exceeded the gasoline throughput limit indicated in this permit will be sent to the NYSDEC - Region 2 office by January 30 of each year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GASOLINE

Upper Permit Limit: 600,000,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 55: Compliance Certification**

**New York State Department of Environmental Conservation**

Permit ID: 2-6101-00055/00021

Facility DEC ID: 2610100055



**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.420(a), Subpart R**

**Item 55.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000071-43-2      BENZENE

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility is limiting the gasoline annual throughput to 600,000,000 gallons and hence avoiding compliance with 40 CFR 63 Subpart R. By limiting the gasoline annual throughput, the facility is also limiting any individual HAP emission to under 10 tons per year. To remain below the applicability criteria of the gasoline distribution MACT, the facility shall not exceed a gasoline throughput of 600,000,000 gallons per year on a twelve months rolling average basis. This will ensure that the emissions screening factors for bulk gasoline is less than 1.0. Records of the annual gasoline throughput and the HAP emissions will be maintained at the facility for a period of five years. A letter certifying that the facility has not exceeded the gasoline throughput limit indicated in this permit will be sent to the NYSDEC - Region 2 office by January 30 of each year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GASOLINE

Upper Permit Limit: 600,000,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 56: Compliance Certification**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.420(a), Subpart R**

**Item 56.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

**New York State Department of Environmental Conservation**

Permit ID: 2-6101-00055/00021

Facility DEC ID: 2610100055



CAS No: 0NY100-00-0 TOTAL HAP

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility is limiting the gasoline annual throughput to 600,000,000 gallons and hence avoiding compliance with 40 CFR 63 Subpart R. By limiting the gasoline annual throughput, the facility is also limiting any individual HAP emission to under 10 tons per year and total HAP emissions to under 25 tons per year for any consecutive 12 month period. To remain below the applicability criteria of the gasoline distribution MACT, the facility shall not exceed a gasoline throughput of 600,000,000 gallons per year on a twelve months rolling average basis. This will ensure that the emissions screening factors for bulk gasoline is less than 1.0. Records of the annual gasoline throughput and the HAP emissions will be maintained at the facility for a period of five years. A letter certifying that the facility has not exceeded the gasoline throughput limit indicated in this permit will be sent to the NYSDEC - Region 2 office by January 30 of each year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GASOLINE

Upper Permit Limit: 600,000,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 57: Compliance Certification**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.420(a), Subpart R**

**Item 57.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

**Item 57.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

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Facility DEC ID: 2610100055



**Monitoring Description:**

The facility is limiting the gasoline annual throughput to 600,000,000 gallons and hence avoiding compliance with 40 CFR 63 Subpart R. By limiting the gasoline annual throughput, the facility is also limiting any individual HAP emission to under 10 tons per year. To remain below the applicability criteria of the gasoline distribution MACT, the facility shall not exceed a gasoline throughput of 600,000,000 gallons per year on a twelve months rolling average basis. This will ensure that the emissions screening factors for bulk gasoline is less than 1.0. Records of the annual gasoline throughput and the HAP emissions will be maintained at the facility for a period of five years. A letter certifying that the facility has not exceeded the gasoline throughput limit indicated in this permit will be sent to the NYSDEC - Region 2 office by January 30 of each year.

Work Practice Type: PROCESS MATERIAL THRUPTUT

Process Material: GASOLINE

Upper Permit Limit: 600,000,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 58: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.420(a), Subpart R**

**Item 58.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000110-54-3      HEXANE

**Item 58.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

**Monitoring Description:**

The facility is limiting the gasoline annual throughput to 600,000,000 gallons and hence avoiding compliance with 40 CFR 63 Subpart R. By limiting the gasoline annual throughput, the facility is also limiting any individual HAP emission to under 10 tons per year. To remain below the applicability criteria of the gasoline distribution MACT, the facility shall not exceed a gasoline throughput



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of 600,000,000 gallons per year on a twelve months rolling average basis. This will ensure that the emissions screening factors for bulk gasoline is less than 1.0. Records of the annual gasoline throughput and the HAP emissions will be maintained at the facility for a period of five years. A letter certifying that the facility has not exceeded the gasoline throughput limit indicated in this permit will be sent to the NYSDEC - Region 2 office by January 30 of each year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GASOLINE

Upper Permit Limit: 600,000,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 59: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.420(a), Subpart R**

**Item 59.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

**Item 59.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Individual and total HAP emissions shall not exceed 10 and 25 tons respectively for any consecutive 12 month period. Verification via emissions calculations employing emissions factors shall be submitted to the Department. Records of annual gasoline throughput and HAP emissions shall be maintained at the facility for a period of five years.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 2-9: Compliance Certification**

**New York State Department of Environmental Conservation**

Permit ID: 2-6101-00055/00021

Facility DEC ID: 2610100055



**Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.1063(d), Subpart WW**

**Item 2-9.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02C
Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02P
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03C
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03P
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04C
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04P
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05C
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05P
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06C
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06P
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07C
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07P

**Item 2-9.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Floating roof inspections shall be conducted as specified in paragraphs (1) through (3) below, as applicable. If a floating roof fails an inspection, the owner or operator





shall comply with the repair requirements of paragraph (e) of this section.

(1) Floating roof (IFR and EFR) inspections shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seals from within the storage vessel. The inspection may be performed entirely from the top side of the floating roof, as long as there is visual access to all deck components specified in paragraph (a) of 63.1063. Any of the conditions described in paragraphs (1)(i) through (1)(v) below constitutes inspection failure.

(i) Stored liquid on the floating roof.

(ii) Holes or tears in the primary or secondary seal (if one is present).

(iii) Floating roof deck, deck fittings, or rim seals that are not functioning as designed (as specified in paragraph (a) of 63.1063).

(iv) Failure to comply with the operational requirements of paragraph (b) of 63.1063.

(v) Gaps of more than 0.32 centimeters (1/8inch) between any deck fitting gasket, seal, or wiper (required by paragraph (a) of this section) and any surface that it is intended to seal.

(2) Tank-top inspections of IFR's shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seal through openings in the fixed roof. Any of the conditions described in paragraphs (1)(i) through (1)(iv) below constitutes inspection failure.

Identification of holes or tears in the rim seal is required only for the seal that is visible from the top of the storage vessel.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

Subsequent reports are due every 12 calendar month(s).

**Condition 1-13: Compliance Certification**

**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.1063(d), Subpart WW**

**Item 1-13.1:**

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**Permit ID: 2-6101-00055/00021**

**Facility DEC ID: 2610100055**



The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02C
Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02P
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03C
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03P
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04C
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04P
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05C
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05P
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06C
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06P
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07C
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07P

**Item 1-13.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Floating roof inspections shall be conducted as specified in paragraphs (1) through (3) below, as applicable. If a floating roof fails an inspection, the owner or operator shall comply with the repair requirements of paragraph (e) of this section.

(1) Floating roof (IFR and EFR) inspections shall be conducted by visually inspecting the floating roof deck,



deck fittings, and rim seals from within the storage vessel. The inspection may be performed entirely from the top side of the floating roof, as long as there is visual access to all deck components specified in paragraph (a) of 63.1063. Any of the conditions described in paragraphs (1)(i) through (1)(v) below constitutes inspection failure.

(i) Stored liquid on the floating roof.

(ii) Holes or tears in the primary or secondary seal (if one is present).

(iii) Floating roof deck, deck fittings, or rim seals that are not functioning as designed (as specified in paragraph (a) of 63.1063).

(iv) Failure to comply with the operational requirements of paragraph (b) of 63.1063.

(v) Gaps of more than 0.32 centimeters (1/8inch) between any deck fitting gasket, seal, or wiper (required by paragraph (a) of this section) and any surface that it is intended to seal.

(2) Tank-top inspections of IFR's shall be conducted by visually inspecting the floating roof deck, deck fittings, and rim seal through openings in the fixed roof. Any of the conditions described in paragraphs (1)(i) through (1)(iv) below constitutes inspection failure. Identification of holes or tears in the rim seal is required only for the seal that is visible from the top of the storage vessel.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

Subsequent reports are due every 12 calendar month(s).

**Condition 1-14: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.1065(b), Subpart WW**

**Item 1-14.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00002  
Emission Source: TK02C

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Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02P
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03C
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03P
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04C
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04P
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05C
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05P
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06C
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06P
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07C
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07P

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 TOTAL HAP

**Item 1-14.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records of floating roof inspection results shall be kept as specified below:

1) If the floating roof passes inspection, a record shall be kept of the identification of the storage vessel that was inspected and the date of the inspection.

If the floating roof fails inspection, a record shall be kept of the identification of the storage vessel that was inspected, the date of the inspection, a description of

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all inspection failures, a description of all repairs and the dates they were made, and the date the storage vessel was removed from service, if applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 62: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11089, Subpart BBBBBB**

**Item 62.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station subject to the provisions of subpart BBBBBB shall perform a monthly leak inspection of all equipment in gasoline service, as defined in §63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.

Each detection of a liquid or vapor leak shall be recorded in the log book. When 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 §63.11089(d).

Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in §63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.

The facility must comply with the requirements of subpart BBBBBB by the applicable dates in §63.11083.



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The facility must submit the applicable notifications as required under §63.11093.

The facility must keep records and submit reports as specified in §63.11094 and 63.11095.

Monitoring Frequency: MONTHLY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 63: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11092(a), Subpart BBBBBB**

**Item 63.1:**  
The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-GRACK	Emission Point: GRACK
Process: 005	Emission Source: 0BVRU
Emission Unit: U-GRACK	Emission Point: GRACK
Process: 005	Emission Source: 0PVRU

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 63.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:

The owner and/or operator of a facility subject to the emission standard in §63.11088 for gasoline loading racks must conduct a performance test on the vapor processing and collection systems according to either of the following methods;

- test methods and procedures in §60.503, except a reading of 500ppm shall be used to determine the level of leaks to be repaired under §60.503(b), or;

- alternative test methods and procedures in accordance with the alternative test method requirements in §63.7(f).

In lieu of conducting a performance test on the vapor processing and collection systems once during the term of this permit, the facility has chosen Continuous Emission



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Monitoring (CEM) to demonstrate compliance with the 80 milligrams per liter VOC limit for the vapor recovery units (Emission Sources/Controls OAVRU/OBVRU and OOVRU/OPVRU).

Manufacturer Name/Model Number: CEMS

Parameter Monitored: VOC

Upper Permit Limit: 80 milligrams per liter

Reference Test Method: Test methods and procedures in 40 CFR 60.503

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2016.

Subsequent reports are due every 3 calendar month(s).

**Condition 64: Notifications (63.11093 a-d)  
Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11093, Subpart BBBBBB**

**Item 64.1:**

(a) Each owner/operator of an affected source under subpart BBBBBB must submit an initial notification as specified in §63.9(b). If the facility is in compliance with the requirements of subpart BBBBBB at the time the initial notification is due, the notification of compliance status required under (b) of this condition may be submitted in lieu of the initial notification.

(b) Each owner/operator of an affected source under subpart BBBBBB must submit a notification of compliance status as specified in §63.9(h). The notification of compliance status must specify which of the compliance options included in table 1 of subpart BBBBBB that is used to comply with the subpart.

(c) Each owner/operator of an affected bulk gasoline terminal under subpart BBBBBB must submit a notification of performance test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

(d) Each owner/operator of any affected source under subpart BBBBBB must submit additional notifications specified in §63.9, as applicable.

**Condition 65: Compliance Certification  
Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11094(b), Subpart BBBBBB**

**Item 65.1:**

The Compliance Certification activity will be performed for the Facility.

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Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall keep records of the test results for each gasoline cargo tank loading at the facility as specified below:

- 1) Annual certification testing performed under §63.11092(f)(1) and periodic railcar bubble leak testing performed under §63.11092(f)(2).
- 2) 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:
  - Name of Test: Annual Certification Test - Method 27 or Periodic Railcar Bubble Leak Test Procedure.
  - Cargo tank owner's name and address
  - Cargo tank identification number
  - Test location and date
  - Tester name and signature
  - Witnessing inspector, if any: name, signature, affiliation
  - Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing
  - Test results: Test pressure, pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition
- 3) If the facility is complying with the alternative requirements in §63.11088(b), the facility must keep records documenting that the facility has verified the vapor tightness testing according to the requirements of EPA.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 66: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11094(c), Subpart BBBBBB**

**Item 66.1:**





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Facility DEC ID: 2610100055

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in §63.11094(b), the facility may keep an electronic copy of each record which would be instantly available at the terminal. The copy of each record above must be an exact duplicate image of the original paper record with certifying signatures.

For facilities which use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation must be made available (e.g., via facsimile) for inspection by EPA's or NYSDEC's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 67: Compliance Certification**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11094(d), Subpart BBBBBB**

**Item 67.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 67.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is subject to the equipment leak provisions of §63.11089, then the facility shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline

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service. For facilities electing to implement an instrument program under §63.11089, the record shall contain a full description of the program.

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 68: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11094(e), Subpart BBBBBB**

**Item 68.1:**  
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 68.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

If the facility is subject to the requirements for equipment leak inspections in §63.11089, then the facility shall record in the log book for each leak that is detected, the information below:

- 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) 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 of the leak if the leak is not repaired within 15 days.
- 7) The date of successful repair of the leak.

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 69: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**



**Applicable Federal Requirement:40CFR 63.11094(f), Subpart BBBBBB**

**Item 69.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0      VOC

**Item 69.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall keep the following records:

- 1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under §63.11092(b) or §63.11092(e). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.
- 2) Record and report simultaneously with the Notification of Compliance Status required under §63.11093(b) all data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under §63.11092(b) or §63.11092(e).
- 3) Keep an up-to-date, readily accessible copy of the monitoring and inspection plan required under §63.11092(b)(1)(i)(B)(2) or §63.11092(b)(1)(iii)(B)(2).
- 4) Keep an up-to-date, readily accessible copy of all system malfunctions, as specified in §63.11092(b)(1)(i)(B)(2)(v) or §63.11092(b)(1)(iii)(B)(2)(v).
- 5) If the facility requests approval to use a vapor processing system or monitor an operating parameter other than those specified in §63.11092(b), the facility shall submit a description of planned reporting and recordkeeping procedures.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

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**Condition 70: Compliance Certification**  
Effective between the dates of 07/25/2016 and 07/24/2021

**Applicable Federal Requirement:40CFR 63.11095(a), Subpart BBBBBB**

**Item 70.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 70.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each facility with a bulk terminal or pipeline breakout station that is subject to control requirements of subpart BBBBBB shall include in a semiannual compliance report the following information, as applicable:

- 1) For storage vessels, if the facility is complying with options 2(a), 2(b), or 2(c) in table 1 of subpart BBBBBB, the informations specified in §60.115b(a), §60.115b(b), or §60.115b(c), depending upon the control equipment installed, or, if the facility is complying with option 2(d) in table 1 of subpart BBBBBB, the information specified in §63.1066.
- 2) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.
- 3) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.
- 4) For storage vessels complying with §63.11087(b) after January 10, 2011, the storage vessel's Notice of Compliance Status information can be included in the next semi-annual compliance report in lieu of filing a separate Notification of Compliance Status report under §63.11093.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 71: Compliance Certification**  
Effective between the dates of 07/25/2016 and 07/24/2021

**Applicable Federal Requirement:40CFR 63.11095(b), Subpart BBBBBB**

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**Item 71.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0      TOTAL HAP

**Item 71.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A facility that is subject to the control requirements in Subpart BBBB, shall submit an excess emissions report to NYSDEC at the time the semiannual compliance report is submitted. Excess emissions events under subpart BBBB, and the information to be included in the excess emissions report, are as follows:

- 1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the facility 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.
- 2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with §63.11094(b).
- 3) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under §63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the continuous monitoring system.
- 4) Each instance in which malfunctions discovered during the monitoring and inspections required under §63.11092(b)(1)(i)(B)(2) and (b)(1)(iii)(B)(2) were not resolved according to the necessary corrective actions described in the monitoring and inspection plan. The report shall include a description of the malfunction and the timing of the steps taken to correct the malfunction.
- 5) 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:
  - the date on which the leak was detected;
  - the date of each attempt to repair the leak;

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- the reasons for the delay of repair; and
- the date of successful repair.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 72: Waiver of semi annual excess emissions report**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11095(c), Subpart BBBB**

**Item 72.1:**

Each bulk gasoline plant or a pipeline pumping station shall submit a semiannual excess emissions report, including the information specified in §63.11095(a)(3) and (b)(5), only for a 6-month period during which an excess emissions event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required.

**Condition 73: Compliance and Enforcement**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63, Subpart ZZZZ**

**Item 73.1:**

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

**Condition 74: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.Table(2)(d), Subpart ZZZZ**

**Item 74.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 TOTAL HAP

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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As stated in 40 CFR 63.6600 and 63.6640, facility owners and operators must comply with the following emission and operating limitations for existing compression ignition stationary RICE:

1. Change oil and filter every 500 hours of operation or annually, whichever comes first;
2. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
3. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 75: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40 CFR Part 64**

**Item 75.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 75.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

COMPLIANCE ASSURANCE MONITORING PLAN

Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal currently operates under the Compliance Assurance Monitoring Plan outlined below. Before January 2011 (the effective date of 40 CFR 63 Subpart BBBBBB), Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal intends to comply with the continuous emission monitoring requirements specified under 40 CFR 63.11092(b)(1). Once a continuous monitoring system meeting the Subpart BBBBBB requirements is in place, the facility will prepare a revised monitoring plan to document that the facility is meeting the 10 mg/l emission standard.



VOC emissions from Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal's transport tanker truck loading operation are proposed to be permit-limited to not more than 10 mg/l. The only method of measuring actual compliance with this emissions requirement is defined as a test of at least 6 hours sampling time and processing at least 80,000 gallons of gasoline using the method given in "Control of Hydrocarbons from Tank Truck from Gasoline Loading Terminals" EPA 450/2-77-026, Appendix A. This test is conducted every five years and is a long and complicated test. Therefore it is not practical to assure compliance on a very frequent basis using this test method.

However, Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal has designed a four-stage monitoring plan to assure compliance with Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal's permitted emission limit from transport tanker truck loading as follows:

Stage 1: Performing a compliance test using the prescribed EPA Method every five years. This is a defined test and is, by definition, the only method of verifying actual compliance with the mass emission limitation. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal will document each test and provide a copy to the agency.

Stage 2: Preventive maintenance by a contract VRU service company three times a year. The service representative checks the units during each visit to ensure that all systems are working properly and to perform any scheduled preventive maintenance. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal will document these events through manual log entries. Preventive maintenance or the lack thereof does not constitute compliance or non-compliance with the mass emission limitation but rather is a means to assure over the long term that the control unit remains in good condition and operates properly.

Stage 3: Daily check, per 40 CFR 64.3(b)(4)(iii), key performance indicators, that the vacuum and absorption processes of the VRU are operating properly. This is provided through daily checks of vacuum pulled on the carbon beds. To provide proper long-term regeneration, the vacuum pump should pull a maximum of at least 25 inches mercury of vacuum on the carbon beds during each cycle. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal will document these readings through daily and weekly manual log entries. The instantaneous maximum vacuum reading will be recorded each day on each bed of





the VRU. The entire 15-minute regeneration cycle will be monitored weekly to ensure that the proper vacuum is maintained for the proper period of time.

Vacuum readings above or below 25 inches of mercury do not constitute compliance or non-compliance with the mass emission limitation but rather serve as indicators that if readings below the desired level occur, then the owner or operator should investigate the unit's operation to determine if maintenance or repair is needed to prevent possible eventual non-compliance with the mass emission limitation should the condition persist for an extended period of time.

Stage 4: Daily pressure relief valve check: There is one source (a pressure relief device) in the vapor collection system that has a potential to allow vapor emissions from petroleum fuel loading operations to bypass the vapor control devices. This is the emergency vapor pressure relief valve on the vapor line between the truck loading rack and the VRU. The relief valve is set to relieve at 18-inches of water back-pressure and is designed to prevent over-pressuring of the tanker trucks should the VRU malfunction or shut down. The pressure gauge on this line will be monitored on a daily basis in order to ensure that the pressure relief device has not been activated.

As described above, the key indicators to assuring that the VRU is maintaining compliance with the mass emission limitation are:

1. The units are operating
2. The VRU carbon bed is adsorbing the VOCs
3. The VRU regeneration and absorption systems are operating properly
4. Knowing that no truck loading can occur when the VRU is not operating; and
5. Knowing that VRU carbon beds degrade very slowly over several years.

Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal plans to monitor the above four-stage monitoring plan to assure that the vapor control unit is operating as designed. The Compliance Assurance Monitoring Plan includes periodic inspections, preventive maintenance, carbon bed operation, and actual compliance testing to provide an excellent monitoring plan to assure compliance with the mass emission limitation.

Parameter Monitored: VOC

Upper Permit Limit: 10 milligrams per liter

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Reference Test Method: Method 25A or 25B

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-HOUR ROLLING AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-10: Federal Cross-State Air Pollution Regulation (CSAPR)  
Effective between the dates of 02/08/2019 and 07/24/2021**

**Applicable Federal Requirement:40 CFR Part 97**

**Item 2-10.1: This facility is subject to the CSAPR requirements found in 40 CFR Part 97.**

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 76: Emission Point Definition By Emission Unit  
Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 76.1(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-DRACK

Emission Point: BARGE

Height (ft.): 16

Diameter (in.): 10

NYTMN (km.): 4508.8

NYTME (km.): 589.7

Emission Point: DRACK

Height (ft.): 16

Diameter (in.): 10

NYTMN (km.): 4508.8

NYTME (km.): 589.7

**Item 76.2(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-GRACK

Emission Point: GRACK

Height (ft.): 16

Diameter (in.): 10

NYTMN (km.): 4508.8

NYTME (km.): 589.7

**Item 76.3(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-TANKS

Emission Point: 00001

Height (ft.): 40

Diameter (in.): 36

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NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00002  
Height (ft.): 40      Diameter (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00003  
Height (ft.): 40      Length (in.): 36      Width (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00004  
Height (ft.): 40      Length (in.): 36      Width (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00005  
Height (ft.): 40      Length (in.): 36      Width (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00006  
Height (ft.): 40      Length (in.): 36      Width (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00007  
Height (ft.): 40      Length (in.): 36      Width (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00008  
Height (ft.): 40      Diameter (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00009  
Height (ft.): 40      Length (in.): 36      Width (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00010  
Height (ft.): 40      Length (in.): 36      Width (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00014  
Height (ft.): 16      Diameter (in.): 4  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00027  
Height (ft.): 8      Diameter (in.): 4  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00032  
Height (ft.): 40      Diameter (in.): 36  
NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00034  
Height (ft.): 5      Diameter (in.): 3

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NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00035

Height (ft.): 5 Diameter (in.): 4

NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00036

Height (ft.): 5 Diameter (in.): 3

NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00037

Height (ft.): 8 Diameter (in.): 4

NYTMN (km.): 4508.8      NYTME (km.): 589.7

Emission Point: 00041

Height (ft.): 5 Diameter (in.): 3

NYTMN (km.): 4508.8      NYTME (km.): 589.7

**Item 76.4(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-TNK32

Emission Point: TNK32

Height (ft.): 40      Diameter (in.): 18

NYTMN (km.): 4509.265      NYTME (km.): 589.601

**Condition 77: Process Definition By Emission Unit**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 77.1(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-DRACK

Process: 006

Source Classification Code: 4-04-001-54

Process Description:

Process 006 is the loading of refined petroleum products through the distillate loading rack (Emission Unit U-DRACK). The refined petroleum products will be limited to those products with a vapor pressure less than or equal to 5.1 kPa (0.74 psia).

Emission Unit U-DRACK consists of Emission Points DRACK & BARGE, Processes 006 & 070, and Emission Sources/Controls RACK1 & BARGE; respectively.

Emission Source/Control: BARGE - Process

Emission Source/Control: RACK1 - Process

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**Item 77.2(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-DRACK

Process: 070

Source Classification Code: 4-04-001-54

Process Description:

Process 070 is the barge loading of recovered petroleum products (with vapor pressure less than 4.0 psia) to barges for further treatment /processing.

Emission Unit U-DRACK consists of Emission Points DRACK & BARGE, Processes 006 & 070, and Emission Sources/Controls RACK1 & BARGE; respectively.

Emission Source/Control: BARGE - Process

Emission Source/Control: RACK1 - Process

**Item 77.3(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-GRACK

Process: 005

Source Classification Code: 4-04-001-54

Process Description:

Process 005 is the loading of refined petroleum products and ethanol into transport vehicles through Emission Unit U-GRACK. The emissions resulting from the gasoline loading rack (Process 005) are controlled by a John Zinc Vapor Recovery Unit (Emission Sources/Controls 0AVRU/0BVRU and 0OVRU/0PVRU).

Emission Unit U-GRACK consists of Emission Point GRACK, Process 005, and Emission Sources/Controls RACK2, 0AVRU/0BVRU and 0OVRU/0PVRU.

Emission Source/Control: 0BVRU - Control  
Control Type: VAPOR RECOVERY SYSTEM (VAPOR ADSORPTION/ABSORPTION UNIT)

Emission Source/Control: 0PVRU - Control  
Control Type: VAPOR RECOVERY SYSTEM (VAPOR ADSORPTION/ABSORPTION UNIT)

Emission Source/Control: 0AVRU - Process

Emission Source/Control: 0OVRU - Process

Emission Source/Control: RACK2 - Process

**Item 77.4(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:



Emission Unit: U-TANKS

Process: 001

Source Classification Code: 4-04-001-17

Process Description:

Process 001 is the storage and throughput of refined petroleum products, ethanol, and fuel additives within TANKS #1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 14, 27, 34, 35, 37 & 41. All of these tanks are aboveground storage tanks at the facility. There are nine (9) bulk tanks containing internal floating roofs, one (1) bulk cone roof tank, and six (6) smaller horizontal tanks. The nine (9) bulk tanks equipped with internal floating roofs are TANKS #2, 3, 4, 5, 6, 7, 8, 9 & 10, the one (1) bulk cone roof tank is TANK #1, and the six (6) smaller horizontal tanks are TANKS #14, 27, 34, 35, 36 & 41.

The nine (9) bulk tanks equipped with internal floating roofs, and one (1) of the horizontal tanks (TANKS #35) store products that include refined petroleum, are locally referred to as TANKS #2, 3, 4, 5, 6, 7, 8, 9, 10 & 35. These same tanks (TANKS #2, 3, 4, 5, 6, 7, 8, 9, 10 & 35) will have the flexibility of being used to store refined petroleum products (gasoline, fuel grade ethanol and distillate) with a maximum true vapor pressure of less than or equal to 76.6 kPa (11.1 psia). All of the noted tanks, with the exception of horizontal tanks, TANK #35 is equipped with an internal floating roof.

Potential to emit (PTE) calculations for these tanks were done utilizing gasoline with an RVP of 13. RVP 13 gasoline was chosen to represent an average vapor pressure for the products to be stored within these tanks. This is not intended to be interpreted as a restriction on the products stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a maximum true vapor pressure of less than or equal to 76.6 kPa (11.1 psia) within these tanks.

Process 001 is associated with Emission Unit U-TANKS, Emission Points 00001, 00002, 00003, 00004, 00005, 00006, 00007, 00008, 00009, 00010, 00014, 00027, 00034, 00035, 00037 & 00041 for Tanks # 2, 3, 4, 5, 6, 7, 8, 9, 10, 14, 27, 32, 35, 37 & 41, and Emission Sources/Controls TAN01, TK02C, TK02P, TK03C, TK03P, TK04C, TK04P, TK05C, TK05P, TK06C, TK06P, TK07C, TK07P, TK08C, TK08P, TK09C, TK09P, TK10C, TK10P, TAN14, TAN27, TAN34, TAN35, TAN37 & TAN41.

Emission Source/Control: TK02C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK03C - Control  
Control Type: FLOATING ROOF

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Emission Source/Control: TK04C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK05C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK06C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK07C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK08C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK09C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK10C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TAN01 - Process  
Design Capacity: 2,041,564 gallons

Emission Source/Control: TAN14 - Process  
Design Capacity: 4,000 gallons

Emission Source/Control: TAN27 - Process  
Design Capacity: 10,000 gallons

Emission Source/Control: TAN32 - Process  
Design Capacity: 664,847 gallons

Emission Source/Control: TAN34 - Process  
Design Capacity: 270 gallons

Emission Source/Control: TAN35 - Process  
Design Capacity: 4,000 gallons

Emission Source/Control: TAN37 - Process  
Design Capacity: 4,000 gallons

Emission Source/Control: TAN41 - Process  
Design Capacity: 4,000 gallons

Emission Source/Control: TK02P - Process  
Design Capacity: 449,663 gallons

Emission Source/Control: TK03P - Process  
Design Capacity: 451,496 gallons

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Emission Source/Control: TK04P - Process  
Design Capacity: 451,348 gallons

Emission Source/Control: TK05P - Process  
Design Capacity: 211,022 gallons

Emission Source/Control: TK06P - Process  
Design Capacity: 431,177 gallons

Emission Source/Control: TK07P - Process  
Design Capacity: 451,533 gallons

Emission Source/Control: TK08P - Process  
Design Capacity: 684,540 gallons

Emission Source/Control: TK09P - Process  
Design Capacity: 450,564 gallons

Emission Source/Control: TK10P - Process  
Design Capacity: 450,440 gallons

**Item 77.5(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-TANKS

Process: 002

Source Classification Code: 4-04-001-14

Process Description:

Process 002 is the storage and throughput of refined petroleum products with a vapor pressure of less than or equal to 5.1 kPa (0.74 psia) in Tank #1. This tank has a cone roof. The cone roof tank is locally referred to as TANK #1. Storage Tank #1 potential to emit (PTE) calculations were performed using kerosene in order to represent a worst-case-scenario for products stored within these tanks. This is not intended to be interpreted as a restriction on the products stored within this tank. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of less than or equal to 5.1 kPa (0.74 psia) within this tank.

Process 002 is associated with Emission Unit U-TANKS, Emission Point 00001 for Tank #1, and Emission Sources/Controls TAN01.

Emission Source/Control: TAN01 - Process  
Design Capacity: 2,041,564 gallons

Emission Source/Control: TAN32 - Process  
Design Capacity: 664,847 gallons

**Item 77.6(From Mod 2):**





This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-TANKS

Process: 003

Source Classification Code: 4-04-001-22

Process Description:

Process 003 is the storage and throughput of refined petroleum products with a maximum true vapor pressure of less than or equal to 76.6 kPa (11.1 psia) in Tanks # 2, 3, 4, 5, 6, 7, 8, 9, 10 & 35. The nine (9) tanks equipped with internal floating roofs and one (1) of the horizontal tanks are locally referred to as TANKS #2, 3, 4, 5, 6, 7, 8, 9, 10 and 35. Tanks # 2, 3, 4, 5, 6, 7, 8, 9, 10 and 35 will have the flexibility of being used to store refined petroleum products (gasoline, fuel grade ethanol and distillate) with a maximum true vapor pressure of less than or equal to 76.6 kPa (11.1 psia). All of the noted tanks, with the exception of horizontal tank #35, are equipped with an internal floating roof. Potential to emit (PTE) calculations for these tanks were done utilizing gasoline with an RVP of 13. RVP 13 gasoline was chosen to represent an average vapor pressure for the products to be stored within these tanks. This is not intended to be interpreted as a restriction on the products stored within these tanks. Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of less than or equal to 76.6 kPa (11.1 psia) within these tanks.

Process 003 is associated with Emission Unit U-TANKS, Emission Points 00002, 00003, 00004, 00005, 00006, 00007, 00008, 00009, 00010 & 00035 for Tanks # 2, 3, 4, 5, 6, 7, 8, 9, 10 & 35, and Emission Sources/Controls TK02P, TK02C, TK03P, TK03C, TK04P, TK04C, TK05P, TK05C, TK06P, TK06C, TK07P, TK07C, TK08P, TK08C, TK09P, TK09C, TK10P, TK10C and TAN35.

Emission Source/Control: TK02C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK03C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK04C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK05C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK06C - Control  
Control Type: FLOATING ROOF

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Emission Source/Control: TK07C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK08C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK09C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TK10C - Control  
Control Type: FLOATING ROOF

Emission Source/Control: TAN35 - Process  
Design Capacity: 4,000 gallons

Emission Source/Control: TK02P - Process  
Design Capacity: 449,663 gallons

Emission Source/Control: TK03P - Process  
Design Capacity: 451,496 gallons

Emission Source/Control: TK04P - Process  
Design Capacity: 451,348 gallons

Emission Source/Control: TK05P - Process  
Design Capacity: 211,022 gallons

Emission Source/Control: TK06P - Process  
Design Capacity: 431,177 gallons

Emission Source/Control: TK07P - Process  
Design Capacity: 451,533 gallons

Emission Source/Control: TK08P - Process  
Design Capacity: 684,540 gallons

Emission Source/Control: TK09P - Process  
Design Capacity: 450,564 gallons

Emission Source/Control: TK10P - Process  
Design Capacity: 450,440 gallons

**Item 77.7(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-TANKS

Process: 004

Source Classification Code: 4-04-001-21

Process Description:

Process 004 is the storage and throughput of fuel additives in Tanks # 14, 27, 34, 37 and 41. These five (5) tanks are horizontal tanks and are locally referred to as TANK #14, 27, 34, 37 and 41. TANKS # 14, 27, 34, 37 &

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41 will be used to store fuel additives with a vapor pressure of less than or equal to 0.83 kPa (0.12 psia). Storage Tanks # 14, 27, 34, 37 and 41 potential to emit (PTE) calculations were performed using Xylene in order to represent a worst-case-scenario for the products stored within these tanks (Tanks # 14, 27, 34, 37 and 41). This is not intended to be a restriction on the product stored within these tanks (Tanks # 14, 27, 34, 37 and 41). Kinder Morgan Liquids Terminals LLC - Brooklyn Terminal reserves the right to store any liquid with a vapor pressure of equal to or less than 0.83 kPa (0.12 psia) within these tanks.

Process 004 is associated with Emission Unit U-TANKS, Emission Points 00014, 00027, 00034, 00037 & 00041 for Tanks # 14, 27, 34, 37 & 41, and Emission Sources/Controls TAN14, TAN27, TAN34, TAN37 & TAN41.

Emission Source/Control: TAN14 - Process  
Design Capacity: 4,000 gallons

Emission Source/Control: TAN27 - Process  
Design Capacity: 10,000 gallons

Emission Source/Control: TAN34 - Process  
Design Capacity: 270 gallons

Emission Source/Control: TAN37 - Process  
Design Capacity: 4,000 gallons

Emission Source/Control: TAN41 - Process  
Design Capacity: 4,000 gallons

**Item 77.8(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-TNK32  
Process: P32 Source Classification Code: 4-04-001-10  
Process Description:

Process P32 is the storage and throughput of refined petroleum products (gasoline and distillates), ethanol, fuel grade ethanol and fuel additives within Tank # 32. This tank is an aboveground storage tank and is equipped with internal floating roof in addition to TANKS #2, 3, 4, 5, 6, 7, 8, 9 & 10 at the facility.

Tank #32 is converting from a Cone Vertical Fixed Roof Tank to an Internal Floating Roof Tank. So, Tank #32 will be an internal floating roof tank and will have the flexibility of being used to store refined petroleum products (gasoline and distillate), ethanol, fuel grade ethanol, and fuel additives with a maximum true vapor

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pressure of less than or equal to 76.6 kPa (11.1 psia) within this tank. The maximum capacity of Tank #32 is 672,000 gallons.

Emission Unit U-TNK32, storage Tank # 32 is associated with Emission Point 00032, Process P32, and Emission Sources/Controls TK32P/TK32C.

Emission Source/Control: TK32C - Control  
Control Type: FLOATING ROOF, INTERNAL

Emission Source/Control: TK32P - Process  
Design Capacity: 672,000 gallons

**Condition 78: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.6 (b)**

**Item 78.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GRACK

**Item 78.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A copy of the most recent pressure-vacuum test results, in a form acceptable to the commissioner, must be kept with the gasoline transport vehicle.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 81: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.502(e), NSPS Subpart XX**

**Item 81.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK

**Item 81.2:**

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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As an alternative to keeping records at the terminal of each gasoline cargo test result as required in paragraphs (a), (c) and (d) of this section, an owner or operator may comply with requirements in either paragraph (e)(1) or (2) of this section:

(1) an electronic copy of each record is instantly available at the terminal,

(2) for facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have a valid cargo tank vapor tightness documentation from loading, a copy of the documentation is made available for inspection by the permitting authority representatives during the course of a site visit or within a mutually agreeable time frame.

Reference Test Method: USEPA METHOD 27

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 82: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.505(b), NSPS Subpart XX**

**Item 82.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GRACK                      Emission Point: GRACK  
Process: 005

**Item 82.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The documentations file for each gasoline tank truck shall be updated at least once per year to reflect the current test results as determined by Method 27. The documentation shall include, at a minimum, the following information:

1. Test title

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- 2. Tank owner's name and address
- 3. Tank identification number
- 4. Testing location
- 5. Date of test
- 6. Tester name and signature
- 7. Witnessing inspector
- 8. Test results: actual pressure change in 5 minutes, in mm of water (average of 2 runs).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 83: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.4 (a) (1)**

**Item 83.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK	Emission Point: GRACK
Process: 005	Emission Source: 0BVRU

Emission Unit: U-GRACK	Emission Point: GRACK
Process: 005	Emission Source: 0PVURU

**Item 83.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a gasoline transport vehicle subject to this Part will allow said vehicle to be filled or emptied unless the gasoline transport vehicle sustains a pressure change of not more than three inches of water in five minutes when pressurized to a gauge pressure of 18 inches of water and evacuated to a gauge pressure of six inches of water.



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Manufacturer Name/Model Number: Gasoline Transport Vehicle  
Parameter Monitored: PRESSURE CHANGE  
Upper Permit Limit: 3.0 inches of water  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION**

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 84: Repairs to gasoline transport vehicles**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.4 (a) (2)**

**Item 84.1:**

This Condition applies to Emission Unit: U-GRACK Emission Point: GRACK  
Process: 005 Emission Source:  
OBVRU

**Item 84.2:**

No owner or operator of a gasoline transport vehicle subject to 6 NYCRR Part 230 will allow said vehicle to be filled or emptied unless the gasoline transport vehicle is repaired by the owner or operator within 15 days after failing to meet the pressure change standard in paragraph 230.4(a)(1) of 6 NYCRR Part 230.

**Condition 85: Labelling of gasoline transport vehicles**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.4 (a) (3)**

**Item 85.1:**

This Condition applies to Emission Unit: U-GRACK Emission Point: GRACK  
Process: 005 Emission Source:  
OBVRU

**Item 85.2:**

No owner or operator of a gasoline transport vehicle subject to 6 NYCRR Part 230 will allow said vehicle to be filled or emptied unless the gasoline transport vehicle displays a marking, near the U.S. Department of Transportation certificate plate, in letters and numerals at least two inches high, which reads: NYS DEC and the date on which the gasoline transport vehicle was last tested.

**Condition 86: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.4 (b)**

**Item 86.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

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Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0BVRU

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0PVRU

**Item 86.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

All gasoline transport vehicles subject to this Part must be tested annually by the owner or his agent, using test methods acceptable to the commissioner. If the pressure-vacuum test does not show compliance with the pressure change standard, the gasoline transport vehicle must be repaired to make the tank vapor-tight, and retested.

Parameter Monitored: PRESSURE CHANGE

Upper Permit Limit: 3.0 inches of water

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 87: Leak limit**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.4 (e)**

**Item 87.1:**

This Condition applies to Emission Unit: U-GRACK Emission Point: GRACK  
Process: 005 Emission Source:  
0BVRU

**Item 87.2:**

Leakage of vapors from any component of the gasoline transport vehicle or the vapor collection and control system must not equal or exceed 100 percent of the lower explosive limit measured as propane during the loading of a gasoline transport vehicle. No avoidable visible liquid leak from such components is allowed, including all piping, seals, hoses, connections, pressure-vacuum seals, and other possible leak sources.

**Condition 88: Compliance Certification**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.4 (f)**

**Item 88.1:**





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The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: OBVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: OPVRU

**Item 88.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a gasoline transport vehicle will allow a compartment on said vehicle to be loaded under a pressure exceeding 18 inches of water gauge, to be unloaded under a vacuum exceeding 6 inches of water gauge, or to be unloaded under pressure.

Parameter Monitored: PRESSURE  
Lower Permit Limit: 6.0 inches of water  
Upper Permit Limit: 18.0 inches of water  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 89: Dome covers**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.4 (g)**

**Item 89.1:**

This Condition applies to Emission Unit: U-GRACK Emission Point: GRACK  
Process: 005 Emission Source:  
OBVRU

**Item 89.2:**

Dome covers on gasoline transport vehicles must be closed while the transport vehicle is being loaded.

**Condition 90: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.6 (a)**

**Item 90.1:**

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The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0BVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0PVRU

**Item 90.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner of any gasoline transport vehicle subject to this Part must maintain records of pressure-vacuum testings and repairs. The records must include the identity of the gasoline transport vehicle, the results of the testing, the date that the testing and repairs, as needed, were done, the nature of needed repairs and the date of retests where appropriate.

Testing records must be retained for two years and must be made available to the Department on request at any reasonable time.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 91: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 230.6 (b)**

**Item 91.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0AVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0BVRU
Emission Unit: U-GRACK Process: 005	Emission Point: GRACK Emission Source: 0OVRU
Emission Unit: U-GRACK	Emission Point: GRACK

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Process: 005

Emission Source: 0PVRU

**Item 91.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A copy of the most recent pressure-vacuum test results, in a form acceptable to the commissioner, must be kept with the gasoline transport vehicle.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 92: Truck loading compatibility**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.502(f), NSPS Subpart XX**

**Item 92.1:**

This Condition applies to Emission Unit: U-GRACK Emission Point: GRACK  
Process: 005 Emission Source:  
0BVRU

**Item 92.2:**

Gasoline loading limited to trucks with vapor collection equipment which is compatible with the terminal vapor collection system.

**Condition 93: Vapor collection connection required**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.502(g), NSPS Subpart XX**

**Item 93.1:**

This Condition applies to Emission Unit: U-GRACK Emission Point: GRACK  
Process: 005 Emission Source:  
0BVRU

**Item 93.2:**

The terminal and tank truck vapor collection systems must be connected during gasoline loading.

**Condition 94: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

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**Applicable Federal Requirement:40CFR 60.502(h), NSPS Subpart XX**

**Item 94.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0BVRU

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0PVRU

**Item 94.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 millimeters of water) during product loading.

Parameter Monitored: PRESSURE

Upper Permit Limit: 450 millimeters of water

Reference Test Method: 40 CFR 60.503(d)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 95: Vent pressure limit**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.502(i), NSPS Subpart XX**

**Item 95.1:**

This Condition applies to Emission Unit: U-GRACK Emission Point: GRACK  
Process: 005 Emission Source:  
0BVRU

**Item 95.2:**

No pressure-vacuum vent in the terminal vapor collection system shall begin to open at a pressure less than 4,500 pascals.

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**Condition 96: Compliance Certification**

Effective between the dates of 07/25/2016 and 07/24/2021

**Applicable Federal Requirement: 40CFR 60.502(j), NSPS Subpart XX**

**Item 96.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0BVRU

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0PVRU

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 96.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compound liquid or vapor leaks. Detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

Monthly terminal leak inspection records must be retained at the terminal for at least 5 years. Inspection records shall include, as a minimum, the following:

1. Inspection date
2. Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
3. Leak determination method
4. Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
5. Inspector name and signature.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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Subsequent reports are due every 12 calendar month(s).

**Condition 97: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement: 40CFR 60.505(b), NSPS Subpart XX**

**Item 97.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK	Emission Point: GRACK
Process: 005	Emission Source: 0BVRU

Emission Unit: U-GRACK	Emission Point: GRACK
Process: 005	Emission Source: 0PVRU

**Item 97.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Loadings of liquid product into gasoline tank trucks shall be limited to those gasoline tank trucks which have had their vapor tightness properly documented. The tank truck vapor tightness documentation shall be kept on file at the terminal in a permanent form available for inspection. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

- (1) Test title: Gasoline Delivery Tank Pressure Test--EPA Reference Method 27.
- (2) Tank owner and address.
- (3) Tank identification number.
- (4) Testing location.
- (5) Date of test.
- (6) Tester name and signature.
- (7) Witnessing inspector, if any: Name, signature, and affiliation.
- (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).

[NOTE: As an alternative to keeping records at the terminal of each gasoline cargo tank test result, 40 CFR 60.505(e) the facility may comply with the requirements in either paragraph (1) or (2) below:

- (1) An electronic copy of each record is instantly available at the terminal.
  - (i) The copy of each record is an exact duplicate image of

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the original paper record with certifying signatures.

(ii) The department is notified in writing that the each terminal using this alternative is in compliance with the recordkeeping requirements of 40 CFR 60.505.

(2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by department representatives during the

course of a site visit, or within a mutually agreeable time frame.

(i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.

(ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with with the recordkeeping requirements of 40 CFR 60.505. ]

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 98: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.505(c), NSPS Subpart XX**

**Item 98.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0BVRU

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0PVURU

**Item 98.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As required under 40 CFR 60.502(j), the vapor collection system, the vapor processing system, and all loading racks handling gasoline will require a monthly inspection during

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the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. A record of each monthly leak inspection shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:

- (1) Date of inspection.
- (2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
- (3) Leak determination method.
- (4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
- (5) Inspector name and signature.

[NOTE: As an alternative to keeping records at the terminal of each gasoline cargo tank test result, 40 CFR 60.505(e) the facility may comply with the requirements in either paragraph (1) or (2) below:

- (1) An electronic copy of each record is instantly available at the terminal.
  - (i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.
  - (ii) The department is notified in writing that the each terminal using this alternative is in compliance with the recordkeeping requirements of 40 CFR 60.505.
- (2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by department representatives during the course of a site visit, or within a mutually agreeable time frame.
  - (i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.
  - (ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with with the recordkeeping requirements of 40 CFR 60.505. ]

Monitoring Frequency: MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 99: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**





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**Applicable Federal Requirement:40CFR 63.11092(b)(1)(i)('A'), Subpart  
BBBBBB**

**Item 99.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-GRACK                      Emission Point: GRACK  
Process: 005                                      Emission Source: 0BVRU

Emission Unit: U-GRACK                      Emission Point: GRACK  
Process: 005                                      Emission Source: 0PVRU

Regulated Contaminant(s):  
CAS No: 0NY998-00-0      VOC

**Item 99.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

For each performance test conducted under §63.11092(a)(1), the facility shall determine a monitored operating parameter value for the vapor processing system.

The facility shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous emissions monitoring system (CEMS) while gasoline vapors are displaced to the carbon adsorption system. During the performance test, the facility shall continuously record the organic compound concentration of the exhaust stream to ensure that the emission limit in §63.11088(a) is being met.

Upper Permit Limit: 80 milligrams per liter  
Monitoring Frequency: CONTINUOUS  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 100: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11092(b)(1)(i)('B')('1'),  
NESHAP Subpart BBBBBB**

**Item 100.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:



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Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0BVRU

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0PVURU

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 TOTAL HAP

**Item 100.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each performance test required under §63.11092(a)(1), the owner/operator shall determine a monitored operating parameter value for the vapor processing system. When the owner/operator chooses to use carbon adsorption as the vapor processing system, the owner/operator shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) while gasoline vapors are displaced to the carbon adsorption system.

As an alternative to installing a continuous emissions monitoring system (CEMS) as required in §63.11092(b)(1)(i)(A), the owner/operator must monitor the carbon adsorption devices as specified in §63.11092(b)(1)(i)(B).

One of the requirements in §63.11092(b)(1)(i)(B) requires the owner/operator to monitor the vacuum level using a pressure transmitter installed in the vacuum pump suction line, with the measurements displayed on a gauge that can be visually observed. Each carbon bed shall be observed during one complete regeneration cycle on each day of operation of the loading rack to determine the maximum vacuum level achieved.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 101: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11092(b)(1)(i)(B)'(2)',**  
**NESHAP Subpart BBBBBB**



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**Item 101.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0BVVRU

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0PVVRU

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 TOTAL HAP

**Item 101.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each performance test required under §63.11092(a)(1), the owner/operator shall determine a monitored operating parameter value for the vapor processing system. When the owner/operator chooses to use carbon adsorption as the vapor processing system, the owner/operator shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) while gasoline vapors are displaced to the carbon adsorption system.

As an alternative to installing a continuous emissions monitoring system (CEMS) as required in §63.11092(b)(1)(i)(A), the owner/operator must monitor the carbon adsorption devices as specified in §63.11092(b)(1)(i)(B).

One of the requirements in §63.11092(b)(1)(i)(B) requires the owner/operator to develop and submit to NYSDEC a monitoring and inspection plan that describes the owner/operator's approach for meeting the following requirements:

1) The lowest maximum required vacuum level and duration needed to assure regeneration of the carbon beds shall be determined by an engineering analysis or from the manufacturer's recommendation and shall be documented in the monitoring and inspection plan.

2) The owner/operator shall verify, during each day of operation of the loading rack, the proper valve sequencing, cycle time, gasoline flow, purge air flow, and operating temperatures. Verification shall be through visual observation or through an automated alarm or shutdown system that monitors and records system



operation.

3) The owner/operator shall perform semi-annual preventive maintenance inspections of the carbon adsorption system according to the recommendation of the manufacturer of the system.

4) The monitoring plan developed above shall specify conditions that would be considered malfunctions of the carbon adsorption system during the inspections of automated monitoring performed under items 1-3 above, describe specific corrective actions that will be taken to correct any malfunction, and define what the owner/operator would consider to be a timely repair for each potential malfunction.

5) The owner/operator shall document the maximum vacuum level observed on each carbon bed from each daily inspection and the maximum VOC concentration observed from each carbon bed on each monthly inspection as well as any system malfunction, as defined in the monitoring and inspection plan, and any activation of the automated alarm or shutdown system with a written entry into a log book or other permanent form of record. Such record shall also include a description of the corrective action taken and whether such corrective actions were taken in a timely manner, as defined in the monitoring and inspection plan, as well as an estimate of the amount of gasoline loaded during the period of the malfunction.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 102: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11100, Subpart BBBBBB**

**Item 102.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0BVRU

Emission Unit: U-GRACK  
Process: 005

Emission Point: GRACK  
Emission Source: 0PVRU



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**Monitoring Description:**

This emission unit is subject to the Compliance Assurance Monitoring Rule (CAM Rule). The owner or operator of this emission unit must submit a plan to the Department for its review and approval showing how they will comply with this rule. The plan must include the following:

- An indicator to be monitored to show compliance with the applicable emission limit or standard.
- The ranges or designated conditions for such indicators, or the process by which such indicators ranges or designed conditions will be established.
- the performance criteria for the monitoring stated above
- if applicable, the indicator ranges and performance criteria for a CEMS, COMS or PEMS (if used).

The owner or operator of this emission unit shall submit an annual report of the monitoring required above. The report shall include the following:

- summary of information on the number, duration and cause (including unknown cause) of excursions or exceedances, as applicable, and the corrective actions taken;
- summary information on the number, duration and cause (including unknown cause) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks if applicable); and
- a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 104: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:6 NYCRR 229.5 (a)**

**Item 104.1:**

The Compliance Certification activity will be performed for:

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Emission Unit: U-TANKS

**Item 104.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping of capacities of petroleum liquid storage tanks - Records must be maintained at the facility for five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 105: Notifications (63.11093 a-d)**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11093, Subpart BBBBBB**

**Item 105.1:**

This Condition applies to Emission Unit: U-TANKS

**Item 105.2:**

(a) Each owner/operator of an affected source under subpart BBBBBB must submit an initial notification as specified in §63.9(b). If the facility is in compliance with the requirements of subpart BBBBBB at the time the initial notification is due, the notification of compliance status required under (b) of this condition may be submitted in lieu of the initial notification.

(b) Each owner/operator of an affected source under subpart BBBBBB must submit a notification of compliance status as specified in §63.9(h). The notification of compliance status must specify which of the compliance options included in table 1 of subpart BBBBBB that is used to comply with the subpart.

(c) Each owner/operator of an affected bulk gasoline terminal under subpart BBBBBB must submit a notification of performance test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

(d) Each owner/operator of any affected source under subpart BBBBBB must submit additional notifications specified in §63.9, as applicable.

**Condition 1-15: 1063(a)(1)(i) - Design requirements for rim seals on internal floating roof tanks**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.1063, Subpart WW**

**Item 1-15.1:**

This Condition applies to:





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**Condition 107: 1063(b) - Operational requirements**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.1063, Subpart WW**

**Item 107.1:**

This Condition applies to Emission Unit: U-TANKS Emission Point: 00002  
Process: 003 Emission Source: TK02C

**Item 107.2:**

- 1) The floating roof shall float on the stored liquid surface at all times, except when the floating roof is supported by its leg supports or other support devices (e.g., hangers from the fixed roof).
- 2) When the storage vessel is storing liquid, but the liquid depth is insufficient to float the floating roof, the process of filling to the point of refloating the floating roof shall be continuous and shall be performed as soon as practical.
- 3) Each cover over an opening in the floating roof, except for automatic bleeder vents (vacuum breaker vents) and rim space vents, shall be closed at all times, except when the cover must be open for access.
- 4) Each automatic bleeder vent (vacuum breaker vent) and rim space vent shall be closed at all times except when required to be open to relieve excess pressure or vacuum, in accordance with the manufacturer's design.
- 5) Each unslotted guidepole cap shall be closed at all times except when gauging the liquid level or taking liquid samples.

**Condition 111: Internal floating roof inspections**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11092(e)(1), Subpart**

**BBBBBB**

**Item 111.1:**

This Condition applies to Emission Unit: U-TANKS Emission Point: 00002  
Process: 003 Emission Source: TK02C

**Item 111.2:**

Each owner/operator subject to the emission standard in §63.11087 for gasoline storage tanks that are equipped with an internal floating roof shall perform inspections of the floating roof system according to the requirements of §60.113b(a) if the facility is complying with option 2(b) of table 1 of subpart BBBBBB. If the facility is complying with option 2(d) of table 1 of subpart BBBBBB, then the facility shall comply with the requirements in §63.1063(c)(1).

**Condition 112: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11094(a), Subpart BBBBBB**

**Item 112.1:**

The Compliance Certification activity will be performed for the facility:

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The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02C
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03C
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04C
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05C
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06C
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07C
Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08C
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK09C
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK10C

**Item 112.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a bulk gasoline terminal or pipeline breakout station whose storage vessels are subject to the provisions of this subpart shall keep records as specified in 40CFR 60.115b if complying with options 2(a), 2(b), or 2(c) in Table 1 to subpart BBBB, except records shall be kept for at least 5 years. If complying with the requirements of option 2(d) in Table 1 to subpart BBBB, records shall be kept as specified in 40CFR 63.1065.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-16: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.1063(c)(1), Subpart WW**

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**Item 1-16.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02C
Emission Unit: U-TANKS Process: 003	Emission Point: 00002 Emission Source: TK02P
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03C
Emission Unit: U-TANKS Process: 003	Emission Point: 00003 Emission Source: TK03P
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04C
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04P
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05C
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05P
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06C
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06P
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07C
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07P

**Item 1-16.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Internal floating roofs (IFR) shall be inspected as specified in paragraph (d)(1) of 40 CFR 63 Subpart WW before the initial filling of the storage vessel. Subsequent inspections shall be performed as specified below:

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(i) Internal floating roofs shall be inspected as specified in paragraphs (A) and (B) below:

(A) At least once per year the IFR shall be inspected as specified in paragraph (d)(2) of 40 CFR 63 Subpart WW.

(B) Each time the storage vessel is completely emptied and degassed, or every 10 years, whichever occurs first, the IFR shall be inspected as specified in paragraph (d)(1) of 40 CFR 63 Subpart WW.

(ii) Instead of the inspection frequency specified in paragraph (i) above, internal floating roofs with two rim seals may be inspected as specified in paragraph (d)(1) of 40 CFR 63 Subpart WW each time the storage vessel is completely emptied and degassed, or every 5 years, whichever occurs first.

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 1-17: Compliance Certification
Effective between the dates of 10/15/2018 and 07/24/2021

Applicable Federal Requirement:40CFR 63.1065(a), Subpart WW

Item 1-17.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Table with 2 columns: Emission Unit/Process and Emission Point/Source. Rows include U-TANKS 003 with various emission points (00002, 00003, 00004, 00005) and sources (TK02C, TK02P, TK03C, TK03P, TK04C, TK04P).





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Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04C
Emission Unit: U-TANKS Process: 003	Emission Point: 00004 Emission Source: TK04P
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05C
Emission Unit: U-TANKS Process: 003	Emission Point: 00005 Emission Source: TK05P
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06C
Emission Unit: U-TANKS Process: 003	Emission Point: 00006 Emission Source: TK06P
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07C
Emission Unit: U-TANKS Process: 003	Emission Point: 00007 Emission Source: TK07P

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 TOTAL HAP

**Item 1-18.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall keep a record of the date when a floating roof is set on its legs or other support devices.

The facility shall also keep a record of the date when the roof was refloated, and the record shall indicate whether the process of refloating was continuous.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 114: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(5), NSPS Subpart**

**Kb**

**Item 114.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08C
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Emission Unit: U-TANKS  
Process: 003

Emission Point: 00009  
Emission Source: TK09C

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00010  
Emission Source: TK10C

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 114.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 115: Compliance Certification**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.115b(a), NSPS Subpart Kb**

**Item 115.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00008  
Emission Source: TK08C

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00009  
Emission Source: TK09C

Emission Unit: U-TANKS  
Process: 003

Emission Point: 00010  
Emission Source: TK10C

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 115.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep a record of each inspection performed to monitor the condition of the



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internal floating roof. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

After each inspection that finds holes or tears in the seal or seal fabric, defects in the internal floating roof, or other control equipment defects, a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the type and date of each repair made.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 116: Compliance Certification**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.116b, NSPS Subpart Kb**

**Item 116.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TANKS Process: 003	Emission Point: 00008 Emission Source: TK08C
Emission Unit: U-TANKS Process: 003	Emission Point: 00009 Emission Source: TK09C
Emission Unit: U-TANKS Process: 003	Emission Point: 00010 Emission Source: TK10C

**Item 116.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- The facility shall maintain the following readily accessible records, for applicable storage vessels:
  - records showing the dimension of the storage vessel
  - an analysis showing the capacity of the storage vessel.
- a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

Available data on the storage temperature may be used to



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determine the maximum true vapor pressure as determined below:

(1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

(2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:  
(i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar- month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference--see Sec. 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

(ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.

(3) For other liquids, the vapor pressure:  
(i) May be obtained from standard reference texts, or  
(ii) Determined by ASTM D2879-83, 96, or 97 (incorporated by reference--see Sec. 60.17); or  
(iii) Measured by an appropriate method approved by the Administrator; or  
(iv) Calculated by an appropriate method approved by the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 1-19: Notifications (63.11093 a-d)**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11093, Subpart BBBBBB**

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**Item 1-19.1:**

This Condition applies to Emission Unit: U-TNK32

**Item 1-19.2:**

(a) Each owner/operator of an affected source under subpart BBBBBB must submit an initial notification as specified in §63.9(b). If the facility is in compliance with the requirements of subpart BBBBBB at the time the initial notification is due, the notification of compliance status required under (b) of this condition may be submitted in lieu of the initial notification.

(b) Each owner/operator of an affected source under subpart BBBBBB must submit a notification of compliance status as specified in §63.9(h). The notification of compliance status must specify which of the compliance options included in table 1 of subpart BBBBBB that is used to comply with the subpart.

(c) Each owner/operator of an affected bulk gasoline terminal under subpart BBBBBB must submit a notification of performance test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

(d) Each owner/operator of any affected source under subpart BBBBBB must submit additional notifications specified in §63.9, as applicable.

**Condition 1-20: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement: 6 NYCRR 229.3 (a)**

**Item 1-20.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32C

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32P

**Item 1-20.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person may store petroleum liquid in a fixed roof tank subject to Part 229 unless:

1. the tank has been retrofitted with an internal floating roof or equivalent control; and
2. the vapor collection and vapor control systems are maintained and operated in such a way as to ensure the integrity and efficiency of the system.

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The permittee must visually inspect the vapor collection and control systems every calendar quarter to ensure compliance with the above.

The permittee must visually inspect the floating roof and secondary seals from the tank roof hatch on an annual basis.

Records of all inspections must be maintained on site for a period of five years. Inspection records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Reference Test Method: Visual

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-21: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 60.113b(a)(1), NSPS Subpart**

**Kb**

**Item 1-21.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32C

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32P

**Item 1-21.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall 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 Volatile Organic Liquid. If there are holes, tears, or other openings in the primary seal, secondary seal, or the seal fabric, or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**Condition 1-22: Compliance Certification**  
Effective between the dates of 10/15/2018 and 07/24/2021

**Applicable Federal Requirement:40CFR 60.115b(a), NSPS Subpart Kb**

**Item 1-22.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32C

Emission Unit: U-TNK32                      Emission Point: TNK32  
Process: P32                                      Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0      VOC

**Item 1-22.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep a record of each inspection performed to monitor the condition of the internal floating roof. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

After each inspection that finds holes or tears in the seal or seal fabric, defects in the internal floating roof, or other control equipment defects, a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel, the nature of the defects, and the type and date of each repair made.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-23: Compliance Certification**  
Effective between the dates of 10/15/2018 and 07/24/2021

**Applicable Federal Requirement:40CFR 60.116b, NSPS Subpart Kb**

**Item 1-23.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

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Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32C

Emission Unit: U-TNK32  
Process: P32

Emission Point: TNK32  
Emission Source: TK32P

**Item 1-23.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall maintain the following readily accessible records, for applicable storage vessels:

- records showing the dimension of the storage vessel
- an analysis showing the capacity of the storage vessel.

- a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below:

(1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

(2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:  
(i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar- month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference--see Sec. 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

(ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.

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- (3) For other liquids, the vapor pressure:
  - (i) May be obtained from standard reference texts, or
  - (ii) Determined by ASTM D2879-83, 96, or 97 (incorporated by reference--see Sec. 60.17); or
  - (iii) Measured by an appropriate method approved by the Administrator; or
  - (iv) Calculated by an appropriate method approved by the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

Subsequent reports are due every 12 calendar month(s).

**Condition 1-24: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11087, Subpart BBBB**

**Item 1-24.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32C
Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32P

**Item 1-24.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For gasoline storage tanks at bulk gasoline terminals, pipeline breakout stations or pipeline pumping stations the facility owner or operator shall meet the following requirements:

- (a) The facility shall meet each emission limit and management practice in Table 1 to Subpart BBBB that apply to the facility.
- (b) The facility shall comply with the requirements of this subpart by the applicable dates specified in 40 CFR 63.11083, except that storage vessels equipped with floating roofs and not meeting the requirements of paragraph (a) above must be in compliance at the first

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degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.

(c) The facility shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092(e).

(d) The facility shall submit the applicable notifications as required under 40 CFR 63.11093.

(e) The facility shall keep records and submit reports as specified in 40 CFR 63.11094 and 63.11095.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-25: Compliance Certification**  
**Effective between the dates of 10/15/2018 and 07/24/2021**

**Applicable Federal Requirement:40CFR 63.11087, Subpart BBBBBB**

**Item 1-25.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32C
Emission Unit: U-TNK32	Emission Point: TNK32
Process: P32	Emission Source: TK32P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 1-25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A facility which owns or operates a gasoline storage tank subject to this subpart and having a capacity equal to or exceeding 75 cubic meters shall equip each internal floating roof gasoline storage tank according to the requirements in §60.112b(a)(1), except for the secondary seal requirements under §60.112b(a)(1)(ii)(B) and the requirements in §60.112b(a)(1)(iv)-(ix). The facility shall comply with the requirements of subpart BBBBBB by the applicable dates specified in §63.11083, except that if a storage vessel with a floating roof is not meeting the requirements of §63.11087(a) it must be in compliance

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at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first. The facility must comply with the testing and monitoring requirements specified in §63.11092(e)(1). Finally, the facility shall submit the following information as required in 40 CFR Part 60.115b(a):

(1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).

(2) Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(3) If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection required by §60.113b(a)(2), a report shall be furnished to 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 or the nature of and date the repair was made.

(4) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in §60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §61.112b(a)(1) or §60.113b(a)(3) and list each repair made.

(5) If a gasoline storage tank is subject to, and in compliance with, the control requirements of 40 CFR Part 60, subpart Kb, the storage tank will be deemed in compliance with this section. This determination must be reported in the Notification of Compliance Status report under §63.11093(b).

These records are to be maintained for a minimum of 5 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)











facility.



**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

**Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and



standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.**

**Condition 117: Contaminant List**

**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable State Requirement:ECL 19-0301**

**Item 117.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000071-43-2  
Name: BENZENE

CAS No: 000108-88-3  
Name: TOLUENE

CAS No: 000110-54-3  
Name: HEXANE

CAS No: 001330-20-7  
Name: XYLENE, M, O & P MIXT.

CAS No: 0NY100-00-0  
Name: TOTAL HAP

CAS No: 0NY998-00-0  
Name: VOC

**Condition 118: Malfunctions and start-up/shutdown activities**

**Effective between the dates of 07/25/2016 and 07/24/2021**



**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 118.1:**

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 23: Air pollution prohibited**  
**Effective between the dates of 07/25/2016 and 07/24/2021**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 23.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor,

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pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 121: Compliance Demonstration**  
Effective between the dates of 07/25/2016 and 07/24/2021

**Applicable State Requirement:6 NYCRR 225-3.3 (b)**

**Item 121.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 121.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Gasoline Reid Vapor Pressure (RVP) Requirement:

(b) Any person who sells or supplies gasoline subject to subdivision (a) of this section, to retailers or wholesale purchasers-consumers must comply with the requirements of section 225-3.4 of this Subpart which pertain to gasoline RVP greater than 9.0 psi during the period between May 1 through September 15 of each year beginning 1989.

All records and documentation required to be made or maintained in accordance with 6 NYCRR 225-3, including any calculations performed, shall be maintained for at least two (2) years from the date of delivery.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: GASOLINE

Parameter Monitored: REID VAPOR PRESSURE

Upper Permit Limit: 9.0 pounds per square inch absolute

Reference Test Method: ASTM D323-99a

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 122: Compliance Demonstration**  
Effective between the dates of 07/25/2016 and 07/24/2021

**Applicable State Requirement:6 NYCRR 225-3.4**

**Item 122.1:**





The Compliance Demonstration activity will be performed for the Facility.

**Item 122.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of this facility from which gasoline, subject to this Subpart, is distributed must maintain records on the gasoline that is delivered to or distributed from such facilities. These records shall include:

- (1) The RVP of the gasoline if subject to section 225-3.3 of this Subpart.
- (2) A designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.
- (3) Written certification that the gasoline:
  - (i) conforms with all RVP and oxygen content requirements of this Subpart; and
  - (ii) is in compliance with all applicable State and Federal regulations which apply during the time period(s) specified pursuant to paragraph (3) of this subdivision.

Persons subject to the above recordkeeping requirements shall provide the following records with gasoline which is distributed from facilities:

- (1) A copy of the certification produced for item 3 above.
- (2) Documentation of the maximum RVP of the gasoline if the gasoline was subject to section 225-3.3 of this Subpart.
- (3) Designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.
- (4) Documentation of the shipment quantity and the shipment date of the gasoline being distributed.

Persons required to maintain the records listed above must make the records available for inspection during normal business hours, at the location from which the gasoline was delivered, sold, or dispensed, to the commissioner or his representative and must furnish copies of these records to the commissioner or his or her representative upon request. Such persons shall maintain all records and documentation required to be made or maintained in accordance with this section, including any calculations performed, for at least two years (five years for a Title V facility) from date of delivery.



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION