



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

**Facility Identification Data**

Name: GLOBAL COMPANIES - SOUTH TERMINAL

Address: 1184 RIVER RD

NEW WINDSOR, NY 12553

**Owner/Firm**

Name: GLOBAL COMPANIES LLC

Address: 800 SOUTH ST, P.O. Box 9161

WALTHAM, MA 02453, USA

Owner Classification: Corporation/Partnership

**Permit Contacts**

Division of Environmental Permits:

Name: THOMAS M MILLER

Address: NYSDEC - REGION 3

21 S PUTT CORNERS RD

NEW PALTZ, NY 12561-1696

Phone:8452563149

Division of Air Resources:

Name: THOMAS M MILLER

Address: NYSDEC - REGION 3

21 S PUTT CORNERS RD

NEW PALTZ, NY 12561-1696

Phone:8452563149

Air Permitting Facility Owner Contact:

Name: TOM KEEFE

Address: GLOBAL COMPANIES LLC

800 SOUTH ST, P.O Box 9161

WALTHAM, MA 02454-9161

Phone:7813984132

**Permit Description**

**Introduction**

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

**Summary Description of Proposed Project**

Application for renewal of Air Title V Facility to reauthorize existing operations which does not include authorization to operate the 2013 requested intermodal rail project. The intermodal rail project application was withdrawn October 2, 2014.



New York State Department of Environmental Conservation  
**Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

**Attainment Status**

GLOBAL COMPANIES - SOUTH TERMINAL is located in the town of NEW WINDSOR in the county of ORANGE.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	MODERATE NON-ATTAINMENT
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

\* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

\*\* NOx has a separate ambient air quality standard in addition to being an ozone precursor.

**Facility Description:**

The Global South Terminal facility is a gasoline and distillate oil storage and distribution terminal. The facility operates a loading rack used to fill cargo trucks with gasoline and distillate fuel. Vapors are recovered from the gasoline loading operation and controlled by a carbon absorber reduction unit.

Distillate oil and gasoline throughputs are limited by Federally Enforceable conditions established as part of initial permitting. The throughput limits ensure Hazardous Air Pollutant emissions are below major stationary source thresholds. The facility is subject to Title V permitting for potential emissions of volatile organic compounds above major stationary source thresholds.

The Global South Terminal facility is subject to numerous monitoring, recordkeeping and reporting requirements outlined by permit conditions under federal and state regulation including but not limited to 6NYCRR 201, 6NYCRR 225, 6NYCRR 229, 40CFR Part 60-Ka and 40CFR Part 63-BBBBBB.

The Standard industrial Classification representative of this facility is 5171 - Petroleum Bulk Stations and Terminals.

**Permit Structure and Description of Operations**

The Title V permit for GLOBAL COMPANIES - SOUTH TERMINAL

is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process. A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

GLOBAL COMPANIES - SOUTH TERMINAL is defined by the following emission unit(s):

Emission unit 1TANKS - Six (6) storage tanks of different volumes capable of storing petroleum liquid or volatile organic liquids as those terms are defined in 6NYCRR Part 229. These tanks have external fixed roofs equipped with internal floating roofs. Tank identifications include:

TK021 - 851,340 gallons

TK022 - 298,620 gallons

TK023 - 298,620 gallons

TK025 - 307,230 gallons

TK026 - 2,153,760 gallons

TK030 - 799,050 gallons

The remaining tanks onsite are used to store distillate and residual fuels which are not subject to 6NYCRR 229, 40CFR 60-K and 40CFR 63-BBBBBB (effective January 2011).

Emission unit 1TANKS is associated with the following emission points (EP):

00021, 00022, 00023, 00025, 00026, 00030

Process: GAS Storage of petroleum liquid or volatile organic liquids as those terms are defined in 6NYCRR Part 229.

Emission unit 1RACKS - Loading rack equipped with two bottom fill bays capable of loading gasoline. Vapors are recovered from tanker trucks and controlled by a carbon absorption unit.

Emission unit 1RACKS is associated with the following emission points (EP):

RACK1

Process: RGS Submerged filling of petroleum liquid or volatile organic liquids as those terms are defined in 6NYCRR Part 229 within cargo tanker trucks. Vapors displaced during the filling process are collected and controlled.



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

**Title V/Major Source Status**

GLOBAL COMPANIES - SOUTH TERMINAL is subject to Title V requirements. This determination is based on the following information:

Potential VOC emissions exceed major stationary source thresholds.

**Program Applicability**

The following chart summarizes the applicability of GLOBAL COMPANIES - SOUTH TERMINAL with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	YES
NSPS	YES
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	NO
SIP	YES

**NOTES:**

**PSD** Prevention of Significant Deterioration (40 CFR 52, 6 NYCRR 231-7, 231-8) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

**NSR** New Source Review (6 NYCRR 231-5, 231-6) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

**NESHAP** National Emission Standards for Hazardous Air Pollutants (40 CFR 61, 6 NYCRR 200.10) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's).

**MACT** Maximum Achievable Control Technology (40 CFR 63, 6 NYCRR 200.10) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

**NSPS** New Source Performance Standards (40 CFR 60, 6 NYCRR 200.10) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78, 6 NYCRR 201-6) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subpart A thru G, 6 NYCRR 200.10) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH, 6 NYCRR 200.10) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

**Compliance Status**

Facility is in compliance with all requirements.

**SIC Codes**

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis

of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

**SIC Code**

**Description**

5171

PETROLEUM BULK STATIONS & TERMINALS

**SCC Codes**

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information.Each SCC represents

a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

**SCC Code**

**Description**



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053  
Renewal Number: 3  
11/23/2015**

4-04-001-60	BULK TERMINALS/PLANTS BULK TERMINALS INTERNAL FLOAT ROOF W/ PRIMARY SEAL-SPECIFY LIQUID:STANDING LOSS
4-04-002-50	BULK TERMINALS/PLANTS BULK PLANTS Loading Racks

**Facility Emissions Summary**

In the following table, the CAS No. or Chemical Abstract Service code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
000071-43-2	BENZENE		> 0 but < 10 tpy
000630-08-0	CARBON MONOXIDE		> 0 but < 2.5 tpy
000100-41-4	ETHYLBENZENE		> 0 but < 10 tpy
000110-54-3	HEXANE		> 0 but < 10 tpy
001634-04-4	METHYL TERTBUTYL ETHER		> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN		> 0 but < 2.5 tpy
000540-84-1	PENTANE, 2,2,4- TRIMETHYL-		> 0 but < 10 tpy
000108-88-3	TOLUENE		> 0 but < 10 tpy
0NY100-00-0	TOTAL HAP	49800	
0NY998-00-0	VOC		>= 100 tpy but < 250 tpy
001330-20-7	XYLENE, M, O & P MIXT.		> 0 but < 10 tpy

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**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



New York State Department of Environmental Conservation  
**Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

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: 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 C: Timely Application for the Renewal of Title V Permits -6 NYCRR Part 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 D: Certification by a Responsible Official - 6 NYCRR Part 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 E: Requirement to Comply With All Conditions - 6 NYCRR Part 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

New York State Department of Environmental Conservation  
**Permit Review Report**



**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

**Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 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 G: 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 H: 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 I: Severability - 6 NYCRR Part 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 J: Permit Shield - 6 NYCRR Part 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





New York State Department of Environmental Conservation  
**Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is 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 this 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 Part 201-6.7 and Part 621.

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 L: 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 M: 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



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

applicable requirements as being enforceable under only state regulations.

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**Item A: 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.

**Regulatory Analysis**

<b>Location Facility/EU/EP/Process/ES</b>	<b>Regulation</b>	<b>Condition</b>	<b>Short Description</b>
FACILITY	ECL 19-0301	55	Powers and Duties of the Department with respect to air pollution control
FACILITY	40CFR 60-JJJJ	38	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
FACILITY	40CFR 60-JJJJ.4233 (e)	39	Emission limits for IC Engines > 100 HP
FACILITY	40CFR 60-Ka.112a	36	Petroleum storage - standards for VOC
FACILITY	40CFR 60-Ka.115a (a)	37	Petroleum storage - monitoring of operations
FACILITY	40CFR 63-BBBBBB.11087	40	NESHAP for Area Source Gasoline Bulk Terminals - Requirements for Tanks
FACILITY	40CFR 63-BBBBBB.11088	41	NESHAP for Area Source Bulk Gasoline Terminals - Requirements for Loading Racks
FACILITY	40CFR 63-BBBBBB.11089	42	NESHAP for Area Source Gasoline Bulk Terminals - Equipment

New York State Department of Environmental Conservation  
**Permit Review Report**



**Permit ID: 3-3348-00197/00053**  
**Renewal Number: 3**  
**11/23/2015**

FACILITY	40CFR 63- BBBBBB.11092 (e)	43	Leak Inspections NESHAP for Area Source Gasoline Bulk Terminals - Inspections of gasoline storage tanks
FACILITY	40CFR 63- BBBBBB.11094 (a)	44	NESHAP for Area Source Gasoline Bulk Terminals - Recordkeeping Requirements
FACILITY	40CFR 63- BBBBBB.11094 (d)	45	NESHAP for Area Source Bulk Gasoline Terminals - Recordkeeping
FACILITY	40CFR 63- BBBBBB.11094 (e)	46	NESHAP for Area Source Gasoline Bulk Terminals - Recordkeeping
FACILITY	40CFR 63- BBBBBB.11095 (a)	47	NESHAP for Area Source Gasoline Bulk Terminals - Reporting
FACILITY	40CFR 63- BBBBBB.11095 (b)	48	NESHAP for Area Source Gasoline Bulk Terminals - Reporting
FACILITY	40CFR 63-BBBBBB.11098	49	NESHAP for Area Source Gasoline Bulk Terminals - General Provisions
FACILITY	40CFR 63-JJJJJJ	50	National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources
FACILITY	40CFR 63- JJJJJJ.11223 (e)	51	ICI Boiler Area Source NESHAP - Oil- Fired Boilers less than 5 mmBtu/hr Tune- ups
FACILITY	40CFR 64	52	COMPLIANCE ASSURANCE MONITORING
FACILITY	40CFR 68	19	Chemical accident prevention provisions
FACILITY	40CFR 82-F	20	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Maintenance of equipment.
FACILITY	6NYCRR 201-1.4	56	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	12	Prohibition of reintroduction of collected contaminants to the air

New York State Department of Environmental Conservation  
**Permit Review Report**



**Permit ID: 3-3348-00197/00053**  
**Renewal Number: 3**  
**11/23/2015**

FACILITY	6NYCRR 201-3.2 (a)	13	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3 (a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	21, 53, 54	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.4 (a) (4)	15	General Conditions - Requirement to Provide Information
FACILITY	6NYCRR 201-6.4 (a) (7)	2	General Conditions - Fees
FACILITY	6NYCRR 201-6.4 (a) (8)	16	General Conditions - Right to Inspect
FACILITY	6NYCRR 201-6.4 (c)	3	Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.4 (c) (2)	4	Records of Monitoring, Sampling and Measurement
FACILITY	6NYCRR 201- 6.4 (c) (3) (ii)	5	Reporting Requirements - Deviations and Noncompliance
FACILITY	6NYCRR 201-6.4 (d) (4)	22	Compliance Schedules - Progress Reports
FACILITY	6NYCRR 201-6.4 (e)	6	Compliance Certification
FACILITY	6NYCRR 201-6.4 (f) (6)	17	Off Permit Changes
FACILITY	6NYCRR 201-7	23	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-1.1	18	Required emissions tests.
FACILITY	6NYCRR 202-2.1	7	Emission Statements - Applicability
FACILITY	6NYCRR 202-2.5	8	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.1	27	General Prohibitions - air pollution prohibited
FACILITY	6NYCRR 211.2	57	General Prohibitions - visible emissions limited.
FACILITY	6NYCRR 215.2	9	Open Fires - Prohibitions
FACILITY	6NYCRR 225-1.2	28	Sulfur-in-Fuel Limitations
FACILITY	6NYCRR 225-3.3 (a)	29	RVP Limitation - May 1st through September 15th
FACILITY	6NYCRR 225-3.4 (a)	30	Gasoline records to be maintained
FACILITY	6NYCRR 225-3.4 (b)	31	Records to be provided with distributed gasoline
FACILITY	6NYCRR 229.3 (a)	32	Petroleum fixed roof tank control requirements
FACILITY	6NYCRR 229.3 (d)	33	Gasoline loading terminals
FACILITY	6NYCRR 229.4 (a)	34	Testing and monitoring
FACILITY	6NYCRR 229.5	35	Recordkeeping.



**New York State Department of Environmental Conservation**  
**Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

**Applicability Discussion:**

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-0301

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6 NYCRR 200.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6 NYCRR 200.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6 NYCRR 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6 NYCRR 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6 NYCRR 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6 NYCRR 201-3.2 (a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6 NYCRR 201-3.3 (a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to 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.

6 NYCRR Subpart 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as

**New York State Department of Environmental Conservation**  
**Permit Review Report**



**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6 NYCRR 201-6.4 (a) (4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6 NYCRR 201-6.4 (a) (7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6 NYCRR 201-6.4 (a) (8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6 NYCRR 201-6.4 (c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6 NYCRR 201-6.4 (c) (2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6 NYCRR 201-6.4 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6 NYCRR 201-6.4 (d) (5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6 NYCRR 201-6.4 (e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6 NYCRR 201-6.4 (f) (6)



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6 NYCRR 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6 NYCRR 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calENDar year.

6 NYCRR 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6 NYCRR 211.2

This regulation limits opacity from sources to less than or equal to 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

40 CFR Part 68

This Part lists the regulated substances and there applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act AmENDments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

**Facility Specific Requirements**

In addition to Title V, GLOBAL COMPANIES - SOUTH TERMINAL has been determined to be subject to the following regulations:

40 CFR 60.112a

This rule contains the VOC control standards for storage vessels subject to Subpart Ka containing petroleum products with true vapor pressures between 1.5 and 11.1 pounds per square inch absolute (psia).



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

This applies to Tank 21 as part of a conversion to gasoline service addressed as part of previous permitting actions. This condition overlaps with more current requirements dictated under 40CFR 63.BBBBBB conditions and shall remain as an applicable requirement.

40 CFR 60.115a (a)

This rule contains the VOC control standards for storage vessels subject to Subpart Ka containing petroleum products with true vapor pressures between 1.5 and 11.1 pounds per square inch absolute (psia).

This applies to Tank 21 as part of a conversion to gasoline service addressed as part of previous permitting actions. This condition overlaps with more current requirements dictated under 40CFR 63.BBBBBB conditions and shall remain as an applicable requirement.

40 CFR 60.4233 (e)

This condition provides a statement that the Part 201 exempt 100 Kw emergency generator is certified compliant by the manufacturer (Kohler).

40 CFR 63.11087

This condition outlines the requirements for the functioning of the internal floating roof and contains 40CFR 60.Kb text as referred.

40 CFR 63.11088

This condition requires submerged filling of Cargo tankers as a management practice for throughput less than 250,000 gallons per day. Global must keep records and make available to document this applies as per Table 2 of 40CFR 63.BBBBBB.

40 CFR 63.11089

This condition outlines the requirements to perform inspection, recordkeeping and reporting needed for equipment leaks.

40 CFR 63.11092 (e) (1)

This condition defines the practice for inspecting the components of the internal floating roofs for tanks used to store gasoline.

40 CFR 63.11094 (a)

The facility must meet the Table 1 2b option which requires compliance with 40CFR 60.Kb which applies to the storage of gasoline.





**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

40 CFR 63.11094 (d)

This condition further details the requirement to implement equipment leak detection procedures.

40 CFR 63.11094 (e)

This condition outlines the recordkeeping requirements of the leak detection program.

40 CFR 63.11095 (a)

This condition stipulates a semi-annual reporting for certain criteria regarding the storage tank inspections and leak detection program. Tanker tightness testing is not required.

40 CFR 63.11095 (b)

Semi-annual reporting required for excess emissions associated with leak detection procedural variances.

40 CFR 63.11098

Table 3 lists Appendix A requirements that apply.

40 CFR 63.11223 (e)

This condition applies to the exempt 120,000 BTU/hr oil fired boiler fitting the Table 2 subcategory 12 or 13 requiring a tune-up every 5 years.

40 CFR Part 60, Subpart JJJJ

This condition clarifies DEC's status as a non-delegated authority to regulate the onsite 100 Kw emergency generator.

40 CFR Part 63, Subpart JJJJJ

This regulation covers facilities that own or operate an industrial, commercial, or institutional boiler as defined in §63.11237 that is located at, or is part of, an area source of hazardous air pollutants (HAP), as defined in §63.2, except as specified in §63.11195.

40 CFR Part 64

The federal Compliance Assurance Monitoring (CAM) rule, 40 CFR Part 64, requires monitoring of control device, capture system, and/or process parameters to provide a reasonable assurance of compliance with emission limitations or standards. It applies to emission units that use a control device to comply with certain standards and limitations and that have potential pre-control device emissions equal to or greater than a major source threshold.

The Global South Terminal utilizes a carbon absorption unit to control vapors from the loading rack. This condition identifies daily, weekly and monthly equipment checks and maintenance



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

procedures.

6 NYCRR 211.1

This regulation requires that 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.

6 NYCRR 225-1.2

This section of the regulation establishes sulfur-in-fuel limitations for the distillate oil used and sold by the facility. This condition also outlines general parameter monitoring required.

6 NYCRR 225-3.3 (a)

This condition restricts the Reid vapor pressure of gasoline during the ozone season.

6 NYCRR 225-3.4 (a)

This condition requires recordkeeping to assure that the gasoline distributed for use in motor vehicles meets the Reid vapor pressure restriction during the ozone season.

6 NYCRR 225-3.4 (b)

This regulation specifies the records that shall be provided with gasoline distributed from the facility. These include the maximum Reid vapor pressure of the gasoline, the time period it is intended to be dispensed and the quantity and shipment date.

6 NYCRR 229.3 (a)

This subdivision contains the control requirements for petroleum fixed roof tanks.

6 NYCRR 229.3 (d)

This condition specifies the emission limit for gasoline loading rack that applies to facilities with an average daily throughput of more than 20,000 gallons. A monitoring frequency "as requested by the Department" was chosen because of the actual throughput values recorded during 2011 through 2013 (< 10,000 gallon average) and the stringent inspection, monitoring and maintenance outlined by the separate CAM condition under 40CFR Part 64. This is further supported by 40CFR 63.BBBBBB where an emissions limit does not apply for the loading rack with actual daily throughput of less than 250,000



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053  
Renewal Number: 3  
11/23/2015**

gallons per day.

In the event actual daily throughput surpasses 250,000 gallons, the facility will be required to conform with the monitoring requirements for carbon absorption system under 40CFR 63.BBBBBB.

6 NYCRR 229.4 (a)

This subdivision specifies the test methods that must be used when a test is required to determine compliance with Part 229.

6 NYCRR 229.5

As a gasoline loading terminal, this condition defines recordkeeping needed for the operation of storage tanks and the loading rack.

6 NYCRR Subpart 201-7

This regulation sets forth an emission cap that cannot be exceeded by the facility. In this permit annual gasoline throughput is capped at 177,143,000 gallons and annual distillate throughput is capped at 900,000,000 gallons such that individual and total HAP emissions are below 10 tpy and 25 tpy respectively. In evaluating emissions, the total of all processes need to be considered that includes the gasoline loading controlled by the carbon absorption unit, equipment fugitive, and storage tank losses. Total HAP emissions are calculated as less than 3 tons per year and VOC emissions are calculated as less than 100 tons per year.

Actual throughput, for the period of 2011 through 2013, average an annual gasoline throughput of less than 10,000,000 gallons and an average annual distillate throughput of less than 30,000,000 gallons.

**Compliance Certification**

**Summary of monitoring activities at GLOBAL COMPANIES - SOUTH TERMINAL:**

<b>Location Facility/EU/EP/Process/ES</b>	<b>Cond No.</b>	<b>Type of Monitoring</b>
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FACILITY	39	record keeping/maintenance procedures
FACILITY	36	record keeping/maintenance procedures
FACILITY	37	record keeping/maintenance procedures
FACILITY	40	record keeping/maintenance procedures
FACILITY	41	record keeping/maintenance procedures
FACILITY	42	record keeping/maintenance procedures
FACILITY	43	record keeping/maintenance procedures
FACILITY	44	record keeping/maintenance procedures
FACILITY	45	record keeping/maintenance procedures
FACILITY	46	record keeping/maintenance procedures



New York State Department of Environmental Conservation  
**Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

FACILITY	47	record keeping/maintenance procedures
FACILITY	48	record keeping/maintenance procedures
FACILITY	51	record keeping/maintenance procedures
FACILITY	52	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	24	record keeping/maintenance procedures
FACILITY	25	work practice involving specific operations
FACILITY	26	work practice involving specific operations
FACILITY	7	record keeping/maintenance procedures
FACILITY	28	record keeping/maintenance procedures
FACILITY	29	monitoring of process or control device parameters as surrogate
FACILITY	30	record keeping/maintenance procedures
FACILITY	31	record keeping/maintenance procedures
FACILITY	33	intermittent emission testing
FACILITY	34	record keeping/maintenance procedures
FACILITY	35	record keeping/maintenance procedures

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**Basis for Monitoring**

Facility wide Hazardous Air pollutant emissions are limited to less than 25 tons per year total and 10 tons per year individually. In support of verifying HAP emissions are below major stationary source status, Federally enforceable throughput limits were established as part of the initial Title V permit issuance. Gasoline throughput is limited to an annual rolling twelve month total of 177,143,000 gallons and distillate fuels limited to an annual twelve month total of 900,000,000 gallons. Accordingly, the Gasoline Distribution NESHAP under 40CFR Part 63 Subpart R does not apply. In evaluating emissions at the capped throughput values, the total of all processes are considered that include material transfer at the loading rack (gasoline controlled by the carbon absorption unit), equipment fugitive, and storage tank losses. Total potential VOC emissions are calculated as less than 100 tons per year.

Actual throughput, for the period of 2011 through 2013, averaged less than 10,000,000 gallons of gasoline per year and averaged less than 30,000,000 gallons of distillate per year.

The Global South Terminal has not constructed or modified the gasoline loading racks after December 17, 1980. Therefore, Standards of Performance for Bulk Gasoline Terminals under 40CFR Part 60 Subpart XX do not apply.

The Global South Terminal is defined as a *Bulk gasoline terminal* which means any gasoline storage and distribution facility that receives gasoline by pipeline, ship or barge, or cargo tank and has a gasoline throughput of 20,000 gallons per day or greater. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under Federal, State, or local law and discoverable by the Administrator and any other person.

The Global South Terminal is subject to the requirements of 40CFR 63.BBBBBB. In determining what requirements apply to this facility, the annual gasoline throughput, based on the last 4 years of operation, was calculated and shown to be less than 250,000 gallons per day. This determination was also reported on the initial compliance status notification submitted January 7, 2011. The following highlights Subpart BBBBBB applicability.

- The six storage tanks in gasoline service each have a capacity of greater than 75 cubic meters that are subject to Table 1 category 2b requiring internal floating roofs with seals and inspection requirements referring to 40CFR 60.Kb.
- The gasoline loading rack fits the Table 2 category 2 which requires submerged filling.



New York State Department of Environmental Conservation  
Permit Review Report

Permit ID: 3-3348-00197/00053

Renewal Number: 3

11/23/2015

- The requirements of Table 2 category 1 do not apply which includes a vapor collection and control system and cargo tanker testing. Accordingly, testing and monitoring of the carbon absorption unit pursuant to 63.11092 (a) through (d) does not apply.
- Monthly leak detection of equipment in gasoline service is required under 63.11089 and 63.11094(e).

Note:

1. The facility employs an automated swipe card access and inventory system irrespective of the actual requirement under 40CFR 63.BBBBBB.
2. The determination that the facility is Table 2 category 2 is based on daily throughput as a rolling average of 365 days.

6NYCRR Part 229 applies to this facility which requires:

- Documentation of a lower Reid Vapor pressure during the ozone season.
- An emissions limit of 80 mg/l VOC exhausted from the Carbon Absorption unit.

This limit is equal to the 40CFR 63.BBBBBB limit which in this case does not apply as discussed above. The 6NYCRR Part 229 intermittent testing condition identifies a frequency to complete as "as requested by the Department". This is based on documented actual throughput values during 2011 through 2013 as being on average less than 10,000 gallons of gasoline per year. This also based on the condition under 40CFR Part 64 (CAM) which provides for a stringent inspection, monitoring and maintenance program. This is further supported by 40CFR 63.BBBBBB where an emissions limit does not apply for the loading rack with actual daily throughput of less than 250,000 gallons per day. Therefore, the emission limit applies but the permit does not specify an exact monitoring frequency.

In the event actual daily throughput surpasses 250,000 gallons, the facility will be required to conform with the monitoring requirements for the carbon absorption system under 40CFR 63.BBBBBB.

The facility operates a Part 201 exempt 120,000 BTU/hr oil fired boiler (Peerless OBDU-4-WPCT) subject to 40CFR 63.JJJJJ. DEC has declined delegation of this regulation, however, the permit contains a condition that requires a tune-up every 5 years. This determination is based on Table 2 boiler subcategory 12 or 13 as existing or new. A notification was sent to EPA with a copy to the Department (received 9/15/2011).

The facility operates a Part 201 exempt 100 Kw emergency gas fired generator (Kohler model 100REZGD) subject to 40CFR 60.JJJJ. DEC has declined delegation of this regulation, however, the permit contains a condition indicating manufacturer certification as per notification received by the Department July 19, 2012.

6NYCRR Part 229 defines *Petroleum liquid* as any crude oil, condensate, and any finished or intermediate products manufactured or extracted in a petroleum refinery whose true vapor pressure is between 1.5 and 12 psia (10.5-83 kilopascals) at 70° F. Petroleum liquids do not include Nos. 2 through 6 fuel oils.

6NYCRR Part 229 defines *Volatile organic liquid* as any organic liquid including, but not limited to, liquids that produce vapors which participate in atmospheric photochemical reactions, or which are measured by an applicable test method, but excluding petroleum liquids. The following are not considered to be volatile organic liquids for the purpose of this regulation: Gasoline, Nos. 2 through 6 fuel oil, commercial and military grades of diesel and aviation fuels.



**New York State Department of Environmental Conservation  
Permit Review Report**

**Permit ID: 3-3348-00197/00053**

**Renewal Number: 3**

**11/23/2015**

Distillate and residual fuel oil storage tanks with storage capacities below 300,000 barrels (12,600,000 gallons) are exempt from permitting pursuant to 6NYCRR Part 201. The Global South Terminal operates fourteen storage vessels which meet this exemption.