



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

Permit ID: 3-3348-00111/00023

Renewal Number: 2

05/20/2010

Facility Identification Data

Name: GLOBAL COMPANIES LLC - NEWBURGH TERMINAL

Address: 1281 RIVER RD

NEW WINDSOR, NY 12553-6733

Owner/Firm

Name: GLOBAL COMPANIES LLC

Address: 800 SOUTH ST

WALTHAM, MA 02453, USA

Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:

Name: KENNETH R GRZYB

Address: NYSDEC REGION 3

21 S PUTT CORNERS RD

NEW PALTZ, NY 12561

Phone:8452563048

Division of Air Resources:

Name: THOMAS M MILLER

Address: NYSDEC - REG 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 PO 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.

Attainment Status



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GLOBAL COMPANIES LLC - NEWBURGH 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:

Global Companies LLC - Newburgh Terminal operates a gasoline and distillate oil storage and distribution terminal consisting of six storage tanks of different volumes which contain gasoline, petroleum liquid or volatile organic liquids (including ethanol) as those terms are defined in 6NYCRR Part 229. All are fixed roof tanks with internal floating roofs and are subject to 6NYCRR 229. Gasoline vapors collected from the tank truck loading rack are controlled by a vapor combustion unit.

The facility is subject to numerous recordkeeping, monitoring and reporting requirements under 6NYCRR 229 - Petroleum and Volatile Organic Liquid Storage and Transfer, 40CFR60.XX - Standards of Performance for Bulk Gasoline Terminals, 40CFR64 - Continuous Assurance Monitoring and 40CFR63.BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. In support of limiting Hazardous Air Pollutant emissions below major stationary source thresholds, the permit contains a cap on the annual gasoline and distillate fuel throughput.

Title V permitting applies to this facility since Volatile Organic Compound emissions exceed major stationary source thresholds defined by 6NYCRR 201. 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 LLC - NEWBURGH 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 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



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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 LLC - NEWBURGH TERMINAL is defined by the following emission unit(s):

Emission unit 1MISCT - Bulk Storage Tank No. 26 containing water contaminated with gasoline and distillate. This storage tank is not subject to 6NYCRR 229. Emissions from this unit are at insignificant levels pursuant to 6NYCRR 201-6.3(d)(7).

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

00026

Process: FG2 is located at TANK FARM - Tank (TK026) containing wastewater contaminated with gasoline/ethanol and distillate fuels. 6NYCRR 229 requirements do not apply to this emission source.

Emission unit 1RACK1 - Truck loading rack with 5 bays. One bay is used to load gasoline/ethanol only. One bay is used to load gasoline and/or distillate and 3 bays used to load distillate. Gasoline vapors recovered from tank trucks are controlled by a vapor combustion unit.

Emission unit 1RACK1 is associated with the following emission points (EP):

00001

Process: RDS is located at LOADING AREA - Distillate tank truck loading at four (4) bays. Three (3) of the four (4) bays load distillate only. One (1) bay loads distillate and gasoline/ethanol.

Process: RGS is located at LOADING AREA - Gasoline truck loading at two (2) bays. One (1) bay loads gasoline/ethanol only. One (1) bay loads both gasoline/ethanol and distillate. Gasoline vapors are collected from tank trucks for destruction within the onsite vapor combustion unit.

Process: TTV is located at LOADING AREA - FUGITIVE EMISSIONS FROM LEAKS FROM TANK TRUCKS DURING LOADING.

Process: VCU is located at LOADING AREA - FUGITIVE EMISSIONS FROM LOSSES FROM THE VAPOR COMBUSTION UNIT.



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volatile organic liquids (including ethanol) as those terms are defined in 6NYCRR Part 229. All are fixed roof tanks with internal floating roofs and are subject to 6NYCRR 229. Tank identifications include:

TK012 - 1,034,418 gallons
TK013 - 594,384 gallons
TK017 - 292,320 gallons
TK027 - 2,054,808 gallons
TK028 - 2,025,744 gallons
TK030 - 3,424,050 gallons

The following tanks store distillate fuels which are not subject to 6NYCRR 229 and are not defined by this emission unit:

Tank 16
Tank 25
Tank 29

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

00012, 00013, 00017, 00027, 00028, 00030

Process: FG1 is located at TANK FARM - MISCELLANEOUS FUGITIVE HAP AND VOC EMISSIONS FROM VALVES, PUMPS, AND FLANGE LEAKAGE. ALL EMISSIONS ARE AT INSIGNIFICANT LEVELS.

Process: GAS is located at TANK FARM - Storage of gasoline and petroleum liquids as defined in 6NYCRR Part 229 within six tanks including TK012, TK013, TK017, TK027, TK028 and TK030.

Each tank is a fixed roof equipped with an internal floating roof system.

Process: VOL is located at TANK FARM6 - Storage of volatile liquids as defined in 6NYCRR Part 229 within six tanks including TK012, TK013, TK017, TK027, TK028 and TK030.

Each tank is a fixed roof equipped with an internal floating roof system.

Title V/Major Source Status

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

Facility emissions of Volatile Organic Compounds exceed major stationary source thresholds.

Program Applicability

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

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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	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - 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 Part 231) - 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) - 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) - 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) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of 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) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.



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Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - 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) - 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

2999	PETROLEUM AND COAL PRODUCTS, NEC
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

4-04-001-51	BULK TERMINALS/PLANTS BULK TERMINALS Valves, Flanges, and Pumps
4-04-001-52	BULK TERMINALS/PLANTS BULK TERMINALS Vapor Collection Losses
4-04-001-54	BULK TERMINALS/PLANTS BULK TERMINALS Tank Truck Vapor Leaks
4-04-001-60	BULK TERMINALS/PLANTS

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4-04-002-50

4-07-999-97

BULK TERMINALS
 INTERNAL FLOAT ROOF W/ PRIMARY SEAL-SPECIFY
 LIQUID:STANDING LOSS
 BULK TERMINALS/PLANTS
 BULK PLANTS
 Loading Racks
 ORGANIC CHEMICAL STORAGE
 ORGANIC CHEMICAL STORAGE - MISCELLANEOUS
 Specify in Comments

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		>= 2.5 tpy but < 10 tpy
000100-41-4	ETHYLBENZENE		> 0 but < 10 tpy
0NY100-00-0	HAP	48000	
000110-54-3	HEXANE		> 0 but < 10 tpy
000067-56-1	METHYL ALCOHOL		> 0 but < 10 tpy
001634-04-4	METHYL TERTBUTYL ETHER		> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN		>= 10 tpy but < 25 tpy
000540-84-1	PENTANE, 2,2,4- TRIMETHYL-		> 0 but < 10 tpy
000108-88-3	TOLUENE		> 0 but < 10 tpy
0NY998-00-0	VOC		>= 50 tpy but < 100 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

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An emergency constitutes an affirmative defense to an action brought 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 and/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;

(3) During the period of the emergency the facility owner and/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 and/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 and/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 201-6.3(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 201-6.3(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 201-6.5(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 F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(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



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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 201-6.5(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 201-6.5(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.5(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 201-6.5(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 K: Reopening for Cause - 6 NYCRR Part 201-6.5(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

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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 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

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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

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description

FACILITY	ECL 19-0301	60	Powers and Duties of the Department with respect to air pollution control
FACILITY	40CFR 60-A.4	36	General provisions - Address
FACILITY	40CFR 60-A.7(a)	37	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(f)	38	Notification and Recordkeeping
1-RACK1	40CFR 60-XX.502(b)	46	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1/00001	40CFR 60-XX.502(b)	57	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(e)	47	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(f)	48	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(g)	49	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(h)	50	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(i)	51	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC



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1-RACK1	40CFR 60-XX.502 (j)	52	Gasoline terminal loading racks over 20,000 gallons/day -
1-RACK1	40CFR 60-XX.505 (b)	53	standards for VOC Gasoline terminal loading racks over 20,000 gallons/day -
1-RACK1	40CFR 60-XX.505 (e) (2)	54	reporting and recordkeeping
FACILITY	40CFR 63- BBBBBB.11081(a)	39	NSPS for Bulk Gasoline Terminals - Reporting and Recordkeeping Provisions
FACILITY	40CFR 63- BBBBBB.11083 (b)	40	Definition of affected source
FACILITY	40CFR 63- BBBBBB.11086 (f)	41	Compliance date for an existing affected source
FACILITY	40CFR 63-BBBBBB.11093	42	NESHAP for Area Source Gasoline Bulk Terminals - Bulk Gasoline Plant Requirements
FACILITY	40CFR 63-R	26, 27, 28	NESHAP for Area Source Gasoline Bulk Terminals - Notifications
1-RACK1	40CFR 64	55, 56	Subpart R- Gasoline Distribution Facility
FACILITY	40CFR 68	21	NESHAP
FACILITY	40CFR 82-F	22	COMPLIANCE ASSURANCE MONITORING
FACILITY	6NYCRR 200.6	1	Chemical accident prevention provisions
FACILITY	6NYCRR 200.7	10	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 201-1.4	61	Acceptable ambient air quality.
FACILITY	6NYCRR 201-1.7	11	Maintenance of equipment.
FACILITY	6NYCRR 201-1.8	12	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-3.2 (a)	13	Recycling and Salvage
FACILITY	6NYCRR 201-3.3 (a)	14	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-6	23, 43, 44	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-6.5 (a) (4)	15	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6.5 (a) (7)	2	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5 (a) (8)	16	General conditions
FACILITY	6NYCRR 201-6.5 (c)	3	General conditions
			Fees
			General conditions
			Permit conditions for



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FACILITY	6NYCRR 201-6.5 (c) (2)	4	Recordkeeping and Reporting of Compliance Monitoring Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (c) (3) (ii)	5	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (d) (5)	17	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (e)	6	Compliance schedules
FACILITY	6NYCRR 201-6.5 (f) (6)	18	Certification
FACILITY	6NYCRR 201-6.5 (g)	24	Off Permit Changes
FACILITY	6NYCRR 201-7.1	25, 26, 27, 28	Permit shield
FACILITY	6NYCRR 202-1.1	19	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-2.1	7	Required emissions tests.
FACILITY	6NYCRR 202-2.5	8	Emission Statements - Applicability
FACILITY	6NYCRR 211.2	62	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.3	20	General Prohibitions - air pollution prohibited.
FACILITY	6NYCRR 215.2	9	General Prohibitions - visible emissions limited
FACILITY	6NYCRR 225-1.2 (a) (2)	29, 30	Open Fires - Prohibitions
FACILITY	6NYCRR 225-3.3 (a)	31	Sulfur in Fuel Limitations Post 12/31/87.
FACILITY	6NYCRR 225-3.4 (a)	32	RVP Limitation - May 1st through September 15th
FACILITY	6NYCRR 225-3.4 (b)	33	Gasoline records to be maintained
1-TANKS/-/GAS	6NYCRR 229.3 (a)	58	Records to be provided with distributed gasoline
1-RACK1	6NYCRR 229.3 (d)	45	Petroleum fixed roof tank control requirements
1-TANKS/-/VOL	6NYCRR 229.3 (e) (1)	59	Gasoline loading terminals
FACILITY	6NYCRR 229.4 (a)	34	Volatile organic liquid storage tanks
FACILITY	6NYCRR 229.5	35	Testing and monitoring
			Recordkeeping.

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.



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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 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 201-6.5 (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



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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 201-6.5 (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 201-6.5 (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 201-6.5 (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 201-6.5 (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 201-6.5 (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 201-6.5 (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 201-6.5 (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 201-6.5 (f) (6)

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 201-6.5 (g)

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit,



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unless they are specifically addressed by it.

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 prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

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 LLC - NEWBURGH TERMINAL has been determined to be subject to the following regulations:

40 CFR 60.4



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This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40 CFR 60.502 (b)

This requirement restricts the emissions of volatile organic compounds (VOC's) from any vapor collection system due to the loading of liquid product into gasoline tank trucks to 35 milligrams of total organic compounds per liter of gasoline loaded or less, except for each affected facility equipped with an existing vapor processing system, as noted in 40 CFR 60. 502(c)

40 CFR 60.502 (e)

This regulation specifies the procedures for loading liquid product into vapor-tight gasoline trucks.

40 CFR 60.502 (f)

This regulation requires that loadings of gasoline tank trucks are to be made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

40 CFR 60.502 (g)

This regulation requires that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading tracks.

40 CFR 60.502 (h)

This regulation requires that 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 mm of water) during product loading.

40 CFR 60.502 (i)

This regulation prohibits the opening of any pressure-vacuum vent in the bulk gasoline terminal's vapor collection system at a system pressure less than 4,500 pascals (450 mm of water).

40 CFR 60.502 (j)

This regulation requires the inspection of the vapor collection system, the vapor processing system, and each loading rack handling gasoline during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks, each calendar month. Each detection of a leak is to be recorded and the source of the leak repaired within 15 calendar days after it is detected.

40 CFR 60.505 (b)

The documentation file for each gasoline tank truck is to 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



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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).

40 CFR 60.505 (e) (2)

40 CFR 60.7 (a)

This regulation requires any owner or operator subject to a New Source Performance Standard (NSPS) to furnish the Administrator with notification of the dates of: construction or reconstruction, initial startup, any physical or operational changes, commencement of performance testing for continuous monitors and anticipated date for opacity observations as required.

40 CFR 60.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices for at least two years.

40 CFR 63.11081 (a)

40 CFR 63.11083 (b)

40 CFR 63.11086 (f)

40 CFR 63.11093

40 CFR Part 63, Subpart R

Facility individual and total HAP emissions are limited. The requirements of 40CFR 63-R do not apply to this facility.



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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 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.

Acid Rain program requirements; stratospheric ozone protection requirements; post-1990 New Source Performance Standards, Emission Guidelines, and National Emission Standards for Hazardous Air Pollutants; and some other limitations are exempt from CAM. However, many of the exempt requirements are subject to less stringent periodic monitoring under 40 CFR Part 70 and 6NYCRR Subpart 201-6.

6 NYCRR 201-7.1

This regulation sets forth an emission cap that cannot be exceeded by the facility.

6 NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6 NYCRR 225-3.3 (a)

6 NYCRR 225-3.4 (a)

This regulation requires the owner or operator of any refinery, terminal or bulk plant to maintain records of the amount of gasoline delivered to or distributed from the facility.

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 rule contains the emission limits and operating requirements for gasoline loading terminals (i.e. those facilities with an average daily throughput of gasoline greater than 20,000 gallons).

6 NYCRR 229.3 (e) (1)

This regulation requires fixed roof storage tanks subject to Part 229 to be equipped with an internal



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

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

This section specifies the recordkeeping requirements for gasoline bulk plants, gasoline loading terminals, petroleum liquid storage tanks, volatile liquid storage tanks and marine vessel loading facilities subject to the requirements of 229.3.

Non Applicability Analysis

List of non-applicable rules and regulations:

Location Facility/EU/EP/Process/ES	Regulation	Short Description
1-RACK1	6 NYCRR Part 230	Gasoline Dispensing Sites and Transport Vehicles

Reason: 6 NYCRR Part 230 applies to owners and operators of gasoline dispensing sites and gasoline transport vehicles. This facility does not meet the definition of a gasoline dispensing site as defined in 230.1 because it does not dispense gasoline into vehicle fuel tanks or into portable containers used to fuel a motor. Gasoline transport vehicles, as defined in 230.1 are not stationary sources defined in Part 200 so they should not be part of this permit.

NOTE: Non-applicability determinations are cited as a permit condition under 6 NYCRR Part 201-6.5(g). This information is optional and provided only if the applicant is seeking to obtain formal confirmation, within an issued Title V permit, that specified activities are not subject to the listed federal applicable or state only requirement. The applicant is seeking to obtain verification that a requirement does not apply for the stated reason(s) and the Department has agreed to include the non-applicability determination in the issued Title V permit which in turn provides a shield against any potential enforcement action.

Compliance Certification

Summary of monitoring activities at GLOBAL COMPANIES LLC - NEWBURGH TERMINAL:

Location	Cond No.	Type of Monitoring
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Facility/EU/EP/Process/ES

1-RACK1	46	record keeping/maintenance procedures
1-RACK1/00001	57	intermittent emission testing
1-RACK1	47	record keeping/maintenance procedures
1-RACK1	50	monitoring of process or control device parameters as surrogate
1-RACK1	51	monitoring of process or control device parameters as surrogate
1-RACK1	52	record keeping/maintenance procedures
1-RACK1	53	record keeping/maintenance procedures
1-RACK1	54	record keeping/maintenance procedures
FACILITY	41	record keeping/maintenance procedures
1-RACK1	55	record keeping/maintenance procedures
1-RACK1	56	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	26	work practice involving specific operations
FACILITY	27	record keeping/maintenance procedures
FACILITY	28	work practice involving specific operations
FACILITY	7	record keeping/maintenance procedures
FACILITY	29	work practice involving specific operations
FACILITY	30	work practice involving specific operations
FACILITY	31	monitoring of process or control device parameters as surrogate
FACILITY	32	record keeping/maintenance procedures
FACILITY	33	record keeping/maintenance procedures
1-TANKS/-/GAS	58	record keeping/maintenance procedures
1-RACK1	45	record keeping/maintenance procedures
1-TANKS/-/VOL	59	record keeping/maintenance procedures
FACILITY	35	record keeping/maintenance procedures

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 and renewal Title V permit process. Gasoline throughput is limited to an annual rolling twelve month total of 500,000,000 gallons and distillate fuels limited to an annual twelve month total of 200,000,000 gallons. Accordingly, the Gasoline Distribution NESHAP under 40CFR Part 63 Subpart R does not apply.

The Global - Newburgh 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.

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 or those volatile organic compounds which are given an environmental rating of A pursuant to Part 212 of this Title.

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



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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 and those compounds specifically exempted from the definition of volatile organic compound in Part 200 of this Title.

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 - Newburgh Terminal operates numerous storage vessels which meet this exemption.