



South Carolina Department of Health
and Environmental Control

Conditional Major Air Quality Permit

BP Products North America, Inc. – North Augusta Terminal
221 Sweetwater Road
North Augusta, SC 29841

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5) and 48-1-110(a), and the 1976 Code of Laws of South Carolina, as amended, Regulation 61-62, the above named permittee is hereby granted permission to discharge air contaminants into the ambient air. The Bureau of Air Quality authorizes the operation of this facility and its applicable equipment specified herein in accordance with the Conditional Major Permit request received on February 4, 2009.

This permit is subject to and conditioned upon the terms, limitations, standards, and schedules contained in or specified on the 24 pages, with the accompanying attachments, of this permit.

Permit Number: CM-0980-0014
Issue Date: [DRAFT]

Effective Date: [DRAFT]
Expiration Date: [DRAFT]

Director, Engineering Services Division
Bureau of Air Quality

TABLE OF CONTENTS

Part 1.0 GENERAL INFORMATION

- A. Applicable Permit Dates
- B. Facility Information
- C. Facility Mailing Address
- D. Facility Billing Address

Part 2.0 APPLICABILITY

- A. General Applicability
- B. Criteria

Part 3.0 GENERAL CONDITIONS

Part 4.0 FACILITY WIDE REQUIREMENTS

Part 5.0 EMISSION UNIT REQUIREMENTS

- A. Emission Unit Description
- B. Generic Conditions
- C. Emission Unit – Limitations, Monitoring, and Reporting

Part 6.0 REPORTING REQUIREMENTS

Part 7.0 ADDITIONAL CONDITIONS

- A. Specific Conditions
- B. Exempt Sources

ATTACHMENT A - Modeled Emission Rates

PART 1.0 GENERAL INFORMATION

A. APPLICABLE PERMIT DATES

ISSUE DATE: <ISSUED DATE>
EFFECTIVE DATE: <EFFECTIVE DATE>
EXPIRATION DATE: <EXPIRATION DATE>

B. FACILITY INFORMATION

ENVIRONMENTAL CONTACT: Ms. Maribeth Dobbins
CONTACT TELEPHONE NUMBER: 704-399-3925
CONTACT FAX NUMBER: 704-399-3938
INTERNET E-MAIL ADDRESS: Maribeth.Dobbins@bp.com
FACILITY LOCATION: 221 Sweetwater Road – North Augusta
COUNTY: Edgefield
SIC CODE(S): 5171
NAICS CODE(S): 424710
AFS CODE: 4503700014

C. FACILITY MAILING ADDRESS

FACILITY NAME: BP Products North America, Inc. – North Augusta
Terminal
ADDRESS: 7401 Old Mount Holly Road,
CITY, STATE, ZIP: Charlotte, NC 28214

D. FACILITY BILLING ADDRESS

FACILITY BILLING NAME: BP Products North America, Inc – North Augusta
Terminal
ADDRESS: P.O. Box 6427
CITY, STATE, ZIP: North Augusta, SC 29841

PART 2.0 APPLICABILITY

A. GENERAL APPLICABILITY

Condition Number	Condition
2.A.1	This permit applies to any major stationary source, which requests and fulfills the conditions of SC Regulation 61-62.1, Section II(G) to obtain and adhere to federally enforceable permit conditions to limit the source’s potential to emit less than applicable major source thresholds.

B. CRITERIA

Condition Number	Condition
2.B.1	All limitations and requirements listed as enforceable permit conditions shall be permanent, quantifiable, or otherwise enforceable in a practical manner.
2.B.2	All permit conditions that constrain the operation of a source in an effort to limit potential to emit shall be federally enforceable. Unless otherwise agreed by the SC Department of Health and Environmental Control (Department) and US Environmental Protection Agency (US EPA), the Department shall provide to US EPA on a timely basis a copy of all draft and final permits intended to be federally enforceable.
2.B.3	This facility may be required to obtain a Part 70 operating permit in accordance with SC Regulation 61-62.70 if at any time an applicable major source threshold is exceeded.

PART 3.0 GENERAL CONDITIONS

The following conditions are applicable unless superseded by specific permit condition(s):

Condition Number	Condition
3.1	The permittee must comply with all applicable statutes and regulations of the United States and the State of South Carolina and this permit does not relieve the permittee from compliance with applicable local laws, ordinances, and regulations.
3.2	This permit has been issued based on information submitted by the permittee in a Conditional Major permit application. Any false information or misrepresentation in the application may be grounds for permit revocation. This permit supersedes any other operating permit issued by the Bureau of Air Quality upon the permit’s effective date.

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 6 of 24

Condition Number	Condition
3.3	<p>In accordance with SC Regulation 61-62.1, Section II(H), the permittee shall submit an operating permit renewal request to the Department no later than 90 days prior to the operating permit expiration date. The source may be inspected by the Department in order to decide whether to renew the permit. Past records of compliance and future probability of compliance will be considered in making the decision regarding renewal.</p> <p>Submission of a request for renewal meeting the requirements in S.C. Regulation 61-62.1, Section II(H) shall allow the permittee to continue operating pursuant to the most recent conditional major operating permit, until such time as the Department has taken final action on the request for renewal. In addition to the minimum information required by S.C. Regulation 61-62.1, Section II(C), any facility requesting a conditional major operating permit must also provide the following:</p> <ul style="list-style-type: none">i. Potential emission calculations and proposed Federally enforceable emission limitations for each emission unit at the facility verifying that the total emissions at the facility will be below the major source (or facility) thresholds.ii. All proposed production and/or operational limitations that will constrain the operation of each emission unit that are to be identified as Federally enforceable.iii. All proposed monitoring parameters, recordkeeping and reporting requirements the source will use to determine and verify compliance with the requested Federally enforceable limitations on a continuous basis. The source shall also provide the compliance status of these proposed parameters and requirements at the time of the request submittal.
3.4	This permit expressly incorporates all the provisions of SC Regulation 61-62.1, Section II(J).
3.5	<p>In accordance with SC Regulation 61-62.1, Section II(J) for all sources not required to have continuous emissions monitors, in the event of any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence. The permittee shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ). The report shall contain as a minimum, the following: the identity of the emission unit and associated equipment where excess emissions occurred, the magnitude of excess emissions, the time and duration of excess emissions, the steps taken to remedy the malfunction and to prevent a recurrence, documentation that control equipment and processes were at all times maintained and operated, to the maximum extent practicable, in a manner that was consistent with good practice for minimizing emissions. Such a report shall in no way serve to excuse, otherwise justify, or in any manner affect any potential liability or enforcement action resulting from the occurrence.</p>
3.6	<p>This permit only covers emission units and control equipment while physically present at the indicated facility. Unless the permit specifically provides for the equipment relocation, this permit is void for an item of equipment on the day it is removed from the permitted facility, notwithstanding the expiration date specified on the permit.</p>
3.7	<p>In accordance with SC Regulation 61-62.1, Section II(M) within thirty (30) days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner/operator shall submit to the Department a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the company name and mailing address; the facility name and mailing address (if different from that of the company); the name, mailing address, and telephone number of the owner or agent for the company; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.</p>

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 7 of 24

Condition Number	Condition
3.8	<p>Any permittee who plans to construct, alter, or add to a source of air contaminants, including the installation of any device for the control of air contaminant discharges shall submit a complete construction permit application package as described in SC Regulation 61-62.1, Section II(C)</p> <p>A construction permit application package for a federally-enforceable construction permit will be required if any of the emissions changes described above will affect a pollutant limited under SC Regulation 61-62.1, Section II(G). The Department may grant permission to proceed with minor alterations or additions without issuance of a permit when the Department determines that the alteration or addition will not increase the quantity and will not alter the character of the source’s emissions.</p>
3.9	<p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none"> 1. Enter the facility where emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. As authorized by the Act and/or the SC Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
3.10	This permit may be reopened by the Department for cause or to include any new standard or regulation which becomes applicable to a source during the life of the permit.
3.11	The permittee shall pay fees in accordance with SC Regulation 61-30, SC Environmental Protection Fees.
3.12	In the event of an emergency situation, as defined by SC Regulation 61-62.1, Section II(L), an affirmative defense to any action brought for noncompliance with an emission limitation shall be demonstrated by the facility if all of the conditions of SC Regulation 61-62.1, Section II(L) are met.

PART 4.0 FACILITY WIDE REQUIREMENTS

Condition Number	Condition
4.1	Air dispersion modeling (or other method) has demonstrated that this facility’s operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in the air dispersion modeling may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment A of this permit. Higher emission rates may be administratively incorporated into Attachment A of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded. This is a State Only enforceable requirement.
4.2	The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment A, not to exceed the pollutant limitations of this Conditional Major operating permit. Should the facility wish to increase the emission rates listed in Attachment A, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified in condition 4.1. This is a State Only enforceable requirement.
4.3	The permittee shall comply with SC Regulation 61-62.4 “Hazardous Air Pollution Conditions”.

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 8 of 24

Condition Number	Condition
4.4	The permittee shall comply with SC Regulation 61-62.2 “Prohibition of Open Burning”.
4.5	The permittee shall comply with SC Regulation 61-62.6 “Control of Fugitive Particulate Matter”, Section III “Control of Fugitive Particulate Matter Statewide”.
4.6	This facility is a potential major source for volatile organic compounds (VOC) as defined by SC Regulation 61-62.70.3(a)(1). The facility has agreed to Federally enforceable operating limitations to limits its potential to emit to less than 100 tons VOC emissions per year. Bureau approval must be obtained before the facility may increase VOC emissions over the existing permitted limits. Increases in allowable VOC emissions may be subject to the requirements of SC Regulation 61-62.5, Standard No. 5.1, “Best Available Control Technology (BACT)/Lowest Achievable Emission Rate (“LAER”) Applicable To Volatile Organic Compounds.” Under this regulation, the facility would be required to determine actual plant emissions and a VOC baseline number (if appropriate).
4.7	This facility is a potential major source for hazardous air pollutants (HAP). The facility has agreed to Federally enforceable operating limitations to limits it’s potential to emit to less than 10 tons single HAP emissions per year and less than 25 tons combined HAP emissions per year. Bureau approval must be obtained before the facility may increase HAP emissions over the existing permitted limits.
4.8	This source is limited to a maximum loading rack throughput rate of 425,000,000 gallons per year (gal/yr) of gasoline and denatured ethanol combined, and 300,000,000 gal/yr of distillate. The owner/operator must record the actual throughput rates on a monthly basis and maintain these records on site. Twelve month rolling sums shall be calculated for yearly throughput. The twelve month rolling sums shall not exceed 425,000,000 gallons per year (gal/yr) of gasoline and denatured ethanol combined, and 300,000,000 gal/yr of distillate. Semiannual reports of the twelve month rolling sums shall be submitted to the Manager of the Technical Management Section.
4.9	<p>The owner/operator shall maintain records of all volatile organic compounds (VOC) and hazardous air pollutants (HAP). These records shall include the total amount of each material used, the VOC content in percent by weight of each material, the HAP content in percent by weight of each material, and any other records necessary to determine facility wide VOC and HAP emissions. VOC and HAP emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total VOC and HAP emissions. The twelve-month rolling sum shall be less than 100 tons for VOC and less than 10tons for a single HAP and less than 25 tons for total HAP. Reports of the calculated values and the twelve-month rolling sum shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p>
4.10	This facility has processes subject to the provisions of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and BBBBBB, Source Gasoline Distribution Bulk Terminals, Bulk Plants, And Pipeline Facilities. Existing affected sources shall comply with the applicable requirements of Subparts A and BBBBBB no later than the compliance date, unless otherwise noted. Any new affected sources shall comply with the applicable requirements of these Subparts upon initial start-up unless otherwise noted.

PART 5.0 EMISSION UNIT REQUIREMENTS

A. EMISSION UNIT DESCRIPTION

Unit ID	Unit Description	Control Device
01	Loading Rack Area	Vapor Recovery Unit
02	Gasoline, Distillate, or Denatured Ethanol Storage Tank; T101	N/A
03	Gasoline, Distillate, or Denatured Ethanol Storage Tank; T102	N/A
04	Gasoline, Distillate, or Denatured Ethanol Storage Tank; T103	N/A

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 9 of 24

TABLE 5.1 EMISSION UNITS		
Unit ID	Unit Description	Control Device
05	Distillate Storage Tank; T104	N/A
06	Gasoline, Distillate or Denatured Ethanol Storage Tank; T105	N/A
07	Gasoline, Distillate, or Denatured Ethanol Storage Tank; T106	N/A
08	Air Sparging Vapor Extraction System (VOID)	N/A
09	Load/Offload Denatured Ethanol Area (VOID)	Vapor Recovery Unit

N/A = Not Applicable

TABLE 5.2 CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date	Pollutant(s) Controlled
VRU	John Zink Carbon Absorption/Gasoline Adsorption Vapor Recovery Unit (Model AA-355-8-7)	12/97	VOC/HAP

N/A = Not Applicable

B. GENERIC CONDITIONS

GENERIC CONDITIONS			
Condition Number	Unit ID	Equipment ID	Condition
GC1	01, 02, 03, 04, 05, 06 & 07	All sources	Unless elsewhere specified within this permit, all records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least five (5) years from the date generated and shall be made available to a Department representative upon request.
GC2	01, 02, 03, 04, 05, 06 & 07	LR, VRU, T101, T102, T103, T104, T105 & T106	Unless elsewhere specified within this permit, all reports required under this permit including all recorded parameters and calculated values shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, at the address listed below, postmarked no later than thirty (30) calendar days after the end of the reporting period. SC DHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201
GC3	01	VRU	All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted semiannually. If no incidences occurred during the reporting period then a letter shall indicate such. Any alternative method for monitoring control device performance must be preapproved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.1, Section II.

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 10 of 24

GENERIC CONDITIONS			
Condition Number	Unit ID	Equipment ID	Condition
GC4	01	VRU	The owner/operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.

C. EMISSION UNIT – LIMITATIONS, MONITORING AND REPORTING

Table 5.3 - Unit ID 01 – Loading Rack Area				
Equipment ID	Description	Installation Date/Modification Date	Control Device ID	Stack ID
LR	80,000 Gallon/hr Petroleum Product Loading Rack	Installed Prior to 1979 but Modified 12/1997	VRU	ESI

Table 5.4 - Control Device(s) For Unit ID 01 – Loading Rack Area			
Control Device ID	Description	Installation Date/Modification Date	Pollutant(s) Controlled
VRU	John Zink Carbon Absorption/Gasoline Adsorption Vapor Recovery Unit (Model AA-355-8-7)	12/97	VOC/HAPs

Conditions For Unit ID 01 – Loading Rack Area			
Condition Number	Equip ID	Regulated Pollutant/Standard	Conditions
01.1	01	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: The Loading Rack is permitted to load and unload gasoline/ethanol and distillate only. Loading of any other product is prohibited without prior written approval from the Bureau of Air Quality.</p>

Conditions For Unit ID 01 – Loading Rack Area			
Condition Number	Equip ID	Regulated Pollutant/Standard	Conditions
01.2	01	VOC	<p>Limits/Standards: Limits/Standards: In accordance with 40 CFR 60 Subpart XX, the following should be done:</p> <ul style="list-style-type: none"> (a) In accordance with 40 CFR 60.502(a) and (b), each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading, and emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline/ethanol tank trucks are not to exceed 30 milligrams of total organic compounds per liter of gasoline/ethanol loaded. (b) Loadings of liquid product into gasoline/ethanol tank trucks shall be limited to vapor-tight gasoline/ethanol tank trucks using the procedures in 40 CFR 60.502(e). (c) The owner or operator shall act to assure that loadings of gasoline/ethanol tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system. (d) The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline/ethanol tank truck at the affected facility. (e) 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. (f) No pressure-vacuum vent in the bulk gasoline/ethanol terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water). <p>In accordance with S.C. Regulation 62.5, Standard 5.0, Section II, Part T, no owner or operator may load or unload a gasoline/ethanol tank truck at any bulk gasoline/ethanol terminal subject to this Part unless:</p> <ul style="list-style-type: none"> a. The bulk gasoline/ethanol terminal is equipped with a vapor control system, properly installed, in good working order, in operation and consisting of one of the following: <ul style="list-style-type: none"> i. An adsorber or condensation system which may not allow mass emissions of VOC's to exceed 4.7 grains per gallon (80 milligrams per liter) of gasoline/ethanol loaded; or, ii. A vapor collection system which directs all vapors to a fuel gas system; or, iii. Alternative controls as allowed under Section I, Part C. b. All displaced vapors and gases are vented only to the vapor control system; and, c. A means is provided to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected; and, d. All loading and vapor lines are equipped with fittings which make vapor-tight connections and which close automatically when disconnected. <p>Sources affected by S.C. Regulation 62.5, Standard 5.0, Section II, Part T may not:</p> <ul style="list-style-type: none"> a. Allow avoidable visible liquid leaks during loading or unloading operations; nor, b. Allow the pressure in the vapor collection system to exceed the gasoline/ethanol tank truck pressure relief settings; nor, c. Allow gasoline/ethanol to be discarded in sewers nor stored in open containers nor handled in any manner that would result in evaporation.

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 12 of 24

Conditions For Unit ID 01 – Loading Rack Area			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
01.2 (cont.)	01	VOC	<p>Testing: The Permittee shall comply with SC Regulation 61-62.1, Section IV, through source testing to demonstrate compliance with the permitted limit, and to determine the VOC capture and control efficiencies of the loading rack and VRU, respectively. Subsequent, periodic source tests shall be conducted every four years. A source test plan shall be submitted for approval at least 45 days prior to any proposed test date. Notification of test date for a pre-approved source test must be submitted at least two (2) weeks prior to any source test so that a BAQ representative may be present. Source test methodology must be approved by the BAQ. The source test shall be conducted while the facility is operating under permitted conditions, at its expected maximum production rate.</p> <p>Monitoring/Record Keeping/Reporting/Other: (A) The owner/operator shall continue to operate, and maintain pressure drop indicators, temperature indicators, liquid and gas flow meters, on the vapor recovery unit (VRU). Operational ranges for the monitored parameters have been established to provide a reasonable assurance of compliance. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment in compliance. The facility shall maintain previously established operational ranges for these monitored parameters. The operating ranges may be updated using this procedure, following submittal to the Bureau</p> <p>(B) The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection.</p> <p>(C) The terminal owner or operator shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) on file at the terminal for at least 5 years.</p> <p>(D) As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in paragraphs 40 CFR 60.505(a), (c), and (d), an owner or operator may comply with the requirements in either paragraph 40 CFR 60.505(e)(1) or (2).</p> <p>(E) In accordance with 40 CFR 60.505(b), the documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. Refer to the regulation for required documentation.</p> <p>(F) In accordance with 40 CFR 60.502(j), each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline/ethanol shall be inspected during the loading of gasoline/ethanol tank trucks for total organic compounds liquid or vapor leaks. For purposes of this condition, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected. A record of each monthly leak inspection shall be kept on file at the terminal for at least 5 years. Refer to 40 CFR 60.505(c) for information to be included in the inspection record.</p> <p>(G) In accordance with 40 CFR 60.505(f), the owner or operator of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 5 years.</p>

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 13 of 24

Table 5.5 - Unit ID 02 - Gasoline, Distillate, or Denatured Ethanol Storage Tank; T101

Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
T101	32,366 Barrel Gasoline, Distillate, or Denatured Ethanol (1,359,000 Gallon) Storage Tank; Domed External Floating Roof Tank	1/1964	N/A	T1

N/A= Not Applicable

Table 5.6 - Control Device(s) For Unit ID 02 - Gasoline, Distillate, or Denatured Ethanol Storage Tank; T101

Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

N/A= Not Applicable

Conditions For Unit ID 02 - Gasoline, Distillate, or Denatured Ethanol Storage Tank; T101

Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
02.1	T101	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Storage Tank T101 is permitted to store gasoline, distillate or denatured ethanol only. Storage of any other substance is prohibited without prior written approval from the Bureau of Air Quality.</p>
02.2	T101	VOC	<p>Limits/Standards: In accordance with S.C. Regulation 62.5, Standard 5.0, Part O, no owner or operator shall permit petroleum liquid storage in fixed roof tanks unless:</p> <ol style="list-style-type: none"> a. The source has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall; or, b. The source has been retrofitted with equally effective alternative control approved by the Department; and, c. The source is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials; and, d. All openings except stub drains are equipped with covers, lids, or seals such that: <ol style="list-style-type: none"> i. The cover, lid, or seal is in the closed position at all times except when in actual use; and, ii. Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports; and, iii. Rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer’s recommended setting. <p>Testing: Not Required.</p>
02.2 (cont.)	T101	VOC	<p>Monitoring/Record Keeping/Reporting/Other: In accordance with SC Regulation 62.5, Standard 5.0, Part O, routine inspections shall be conducted through roof hatches once per month; and a complete inspection of cover and seal shall be conducted whenever the tank is emptied for non-operational reasons or once per year. Records shall be maintained and include reports of results of inspections, average monthly storage temperatures and true vapor pressures of petroleum liquids stored; and, throughput quantities and types of petroleum liquids for each storage vessel.</p>

Table 5.7 - Unit ID 03 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T102

Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
T102	32,366 Barrel Gasoline, Distillate, or Denatured Ethanol (1,359,000 Gallon) Storage Tank; Domed External Floating Roof Tank	1/1964	N/A	T2

N/A= Not Applicable

Table 5.8 - Control Device(s) For Unit ID 03 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T102

Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

N/A= Not Applicable

Conditions For Unit ID 03 - Gasoline, Distillate, or Denatured Ethanol Storage Tank; T102

Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
03.1	T102	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Storage Tank T102 is permitted to store gasoline, distillate or denatured ethanol only. Storage of any other substance is prohibited without prior written approval from the Bureau of Air Quality.</p>

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 15 of 24

Conditions For Unit ID 03 - Gasoline, Distillate, or Denatured Ethanol Storage Tank; T102			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
03.2	T102	VOC	<p>Limits/Standards: In accordance with S.C. Regulation 62.5, Standard 5.0, Part O, no owner or operator shall permit petroleum liquid storage in fixed roof tanks unless:</p> <ol style="list-style-type: none"> a. The source has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall; b. The source has been retrofitted with equally effective alternative control approved by the Department; and, c. The source is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials; and, d. All openings except stub drains are equipped with covers, lids, or seals such that: <ol style="list-style-type: none"> i. The cover, lid, or seal is in the closed position at all times except when in actual use; and, ii. Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports; and, iii. Rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting. <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with SC Regulation 62.5, Standard 5.0, Part O, routine inspections shall be conducted through roof hatches once per month; and a complete inspection of cover and seal shall be conducted whenever the tank is emptied for non-operational reasons or once per year. Records shall be maintained and include reports of results of inspections, average monthly storage temperatures and true vapor pressures of petroleum liquids stored; and, throughput quantities and types of petroleum liquids for each storage vessel.</p>

Table 5.9 - Unit ID 04 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T103

Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
T103	32,366 Barrel Gasoline, Distillate, or Denatured Ethanol (1,359,000 Gallon) Storage Tank; Domed External Floating Roof Tank	1/1964	N/A	T3

N/A= Not Applicable

Table 5.10 - Control Device(s) For Unit ID 04 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T103

Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

N/A= Not Applicable

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 16 of 24

Conditions For Unit ID 04 - Gasoline, Distillate, or Denatured Ethanol Storage Tank; T103			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
04.1	T103	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Storage Tank T103 is permitted to store gasoline, distillate or denatured ethanol only. Storage of any other substance is prohibited without prior written approval from the Bureau of Air Quality.</p>
04.2	T103	VOC	<p>Limits/Standards: In accordance with S.C. Regulation 62.5, Standard 5.0, Part O, no owner or operator shall permit petroleum liquid storage in fixed roof tanks unless:</p> <ol style="list-style-type: none"> The source has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall; or, The source has been retrofitted with equally effective alternative control approved by the Department; and, The source is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials; and, All openings except stub drains are equipped with covers, lids, or seals such that: <ol style="list-style-type: none"> The cover, lid, or seal is in the closed position at all times except when in actual use; and, Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports; and, Rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer’s recommended setting. <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with SC Regulation 62.5, Standard 5.0, Part O, routine inspections shall be conducted through roof hatches once per month; and a complete inspection of cover and seal shall be conducted whenever the tank is emptied for non-operational reasons or once per year. Records shall be maintained and include reports of results of inspections, average monthly storage temperatures and true vapor pressures of petroleum liquids stored; and, throughput quantities and types of petroleum liquids for each storage vessel.</p>

Table 5.11 - Unit ID 05 – Distillate Storage Tank; T104

Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
T104	18,008 Barrel Distillate (756,000 Gallon) Storage Tank; Fixed Roof	1/1964	N/A	T4

N/A= Not Applicable

Table 5.12 - Control Device(s) For Unit ID 05 – Distillate Storage Tank; T104

Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

N/A= Not Applicable

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 17 of 24

Conditions For Unit ID 05 – Distillate Storage Tank; T104			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
05.1	T104	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Storage Tank T104 is permitted to store distillate only. Storage of any other substance is prohibited without prior written approval from the Bureau of Air Quality.</p>
05.2	T104	VOC	<p>Limits/Standards: The owner or operator shall only store distillate fuel in storage tank T104.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Records of the material stored in storage tank T104 shall be maintained on-site.</p> <p>Visual inspections shall be performed annually on VOL storage vessels with ≥ 1000 gallon storage capacity to insure the absence of leaks, tears, holes, etc. Records of these inspections shall be maintained for a period of at least five (5) years and shall be available to Department personnel upon request</p>

Table 5.13 - Unit ID 06 – Gasoline, Distillate or Denatured Ethanol Storage Tank; T105

Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
T105	49,000 Barrel Gasoline, Distillate, or Denatured Ethanol (2,058,000 Gallon) Storage Tank; Internal Floating Roof Tank	1/1964(1/2009)	N/A	T5

N/A= Not Applicable

Table 5.14 - Control Device(s) For Unit ID 06 – Gasoline, Distillate or Denatured Ethanol Storage Tank; T105

Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

N/A= Not Applicable

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 18 of 24

Conditions For Unit ID 06 - Gasoline, Distillate or Denatured Ethanol Storage Tank; T105			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
06.1	T105	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Storage Tank T105 is permitted to store gasoline, distillate or denatured ethanol only. Storage of any other substance is prohibited without prior written approval from the Bureau of Air Quality.</p>
06.2	T105	VOC	<p>Limits/Standards: The storage tank T105 is subject to 40 CFR 60 Subpart Kb, Standards Of Performance For Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) For Which Construction, Reconstruction, Or Modification Commenced After July 23, 1984 and 40 CFR 60 Subpart A, General Provisions.</p> <p>In accordance with 40CFR 60.112b (NSPS Subpart Kb), The owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m³ containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa, shall equip the storage vessel with the following:</p> <p>A fixed roof in combination with an internal floating roof meeting the following specifications:</p> <p>(1) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.</p> <p>(2) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:</p> <p>(A) A foam-or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam-or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.</p> <p>(B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.</p> <p>(C) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.</p>

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 19 of 24

Conditions For Unit ID 06 - Gasoline, Distillate or Denatured Ethanol Storage Tank; T105			
Condition Number	Equip ID	Regulated Pollutant/Standard	Conditions
06.2 (cont.)	T105	VOC	<p>(3) Each opening in a non contact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.</p> <p>(4) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.</p> <p>(5) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.</p> <p>(6) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.</p> <p>(7) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.</p> <p>(8) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.</p> <p>(9) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with 40 CFR §60.113b (a) After installing the control equipment required to meet §60.112b(a)(1) (permanently affixed roof and internal floating roof), each owner or operator shall:</p> <p>(1) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.</p> <p>(2) For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in §60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.</p>

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 20 of 24

Conditions For Unit ID 06 - Gasoline, Distillate or Denatured Ethanol Storage Tank; T105			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
06.2 (cont.)	T105	VOC	<p>(3) For vessels equipped with a double-seal system as specified in §60.112b(a)(1)(ii)(B): (A) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; (B) Visually inspect the vessel as specified in paragraph (a)(2) of this section.</p> <p>(4) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.</p> <p>(5) In accordance with 40 CFR 60.113b(a)(5), notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs 40 CFR 60.113b(a)(1) and 40 CFR 60.113b(a)(4) to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph 40 CFR 60.113b(a)(4) of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.</p> <p>(6) In accordance with 40 CFR 60.115b, the owner or operator of each storage vessel as specified in 40 CFR 60.112b(a) shall keep records and furnish reports as required by paragraph with 40 CFR 60.115b(a) depending upon the control equipment installed to meet the requirements of 40 CFR 60.112b. The owner or operator shall keep copies of all reports and records required by this section for at least 5 years.</p> <p>(7) In accordance with 40 CFR 60.115b(a)(2), the owner or operator shall keep a record of each inspection performed as required by 40 CFR 60.113b(a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).</p> <p>(8) The owner or operator shall keep copies of all records required by 40 CFR 60.116b, except for the record required by paragraph 40 CFR 60.116b(b), for at least 5 years. The record required by 40 CFR 60.116b (b) will be kept for the life of the source.</p> <p>(9) In accordance with 40 CFR 60.116b (b), the owner or operator of each storage vessel as specified in 40 CFR 60.110b (a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.</p>

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 21 of 24

Conditions For Unit ID 06 - Gasoline, Distillate or Denatured Ethanol Storage Tank; T105			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
06.2 (cont.)	T105	VOC	(10) In accordance with 40 CFR 60.116b(c), the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m ³ storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m ³ but less than 151 m ³ storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

Table 5.15 - Unit ID 07 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T106				
Equipment ID	Description	Installation Date/ Modification Date	Control Device ID	Stack ID
T106	70,000 Barrel Gasoline, Distillate, or Denatured Ethanol (2,940,000 Gallon) Storage Tank; Internal Floating Roof	1/1978	N/A	T6

N/A= Not Applicable

Table 5.16 - Control Device(s) For Unit ID 07 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T106			
Control Device ID	Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

N/A= Not Applicable

Conditions For Unit ID 07 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T106			
Condition Number	Equip ID	Regulated Pollutant/ Standard	Conditions
07.1	T106	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: Storage Tank T106 is permitted to store gasoline, distillate or denatured ethanol only. Storage of any other substance is prohibited without prior written approval from the Bureau of Air Quality.</p>

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 22 of 24

Conditions For Unit ID 07 – Gasoline, Distillate, or Denatured Ethanol Storage Tank; T106			
Condition Number	Equip ID	Regulated Pollutant/Standard	Conditions
07.2	T106	VOC	<p>Limits/Standards: In accordance with S.C. Regulation 62.5, Standard 5.0, Part O, no owner or operator shall permit petroleum liquid storage in fixed roof tanks unless:</p> <ol style="list-style-type: none"> a. The source has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall; or, b. The source has been retrofitted with equally effective alternative control approved by the Department; and, c. The source is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials; and, d. All openings except stub drains are equipped with covers, lids, or seals such that: <ol style="list-style-type: none"> i. The cover, lid, or seal is in the closed position at all times except when in actual use; and, ii. Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports; and, iii. Rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer’s recommended setting. <p>Testing: Not Required.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with SC Regulation 62.5, Standard 5.0, Part O, routine inspections shall be conducted through roof hatches once per month; and a complete inspection of cover and seal shall be conducted whenever the tank is emptied for non-operational reasons or once per year. Records shall be maintained and include reports of results of inspections, average monthly storage temperatures and true vapor pressures of petroleum liquids stored; and, throughput quantities and types of petroleum liquids for each storage vessel.</p>

PART 6.0 REPORTING REQUIREMENTS

TABLE 6.1 PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 th July 30 th October 30 th January 30 th
Semiannual	January-June April-September July-December October-March	July 30 th October 30 th January 30 th April 30 th
Annual	January-December April-March July-June October-September	January 30 th April 30 th July 30 th October 30 th

Note: This reporting schedule does not supercede any Federal reporting requirements including but not limited to 40 CFR 60, 61, and 63. All Federal reports must meet the reporting time frames specified in the Federal standard unless the Department or EPA approves a change.

PART 7.0 ADDITIONAL CONDITIONS

A. SPECIFIC CONDITIONS

Condition Number	Conditions
7.A.1	<p>Emergency power generators have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1 Section II.B.2.f and as would be listed as exempt sources in this permit. These sources shall still comply with the requirements of all applicable regulations including but not limited to:</p> <ul style="list-style-type: none"> New Source Performance Standards (NSPS) 40 CFR 60 Subparts A (General Provisions); IIII (Stationary Compression Ignition Internal Combustion Engines); and JJJJ (Stationary Spark Ignition Internal Combustion Engines)

B. EXEMPT SOURCES

Equip ID	Source Description (Date Listed)	Exemption Basis
B1*	85,000 Btu/hr #2 Fuel Oil Boiler No. 1 VOID	Insignificant Activity by virtue of Size/ S. C. List (Item B.1)
B2*	85,000 Btu/hr #2 Fuel Oil Boiler No. 2 VOID	Insignificant Activity by virtue of Size/ S. C. List (Item B.1)
A1**	Maintenance Painting Operations VOID	S. C. List (Item A.4)
A2	Aboveground Cold Cleaner	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
T1002*	23.8 barrel Underground Horizontal Distillate (1,000 gallon) Storage tank; Fixed Roof VOID	Insignificant Activity by virtue of Size/ S. C. List (Item A.18)
T1006**	23.8 barrel Underground Waste Oil (1,000 gallon) Storage tank; Fixed Roof VOID	Insignificant Activity by virtue of Size/ S. C. List (Item A.18)
TA-1	190 barrel Additive (7,980 gallon) Aboveground Storage tank; Fixed Roof	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
T1001	47.6 barrel Underground Heating Oil (1,999 gallon) Storage tank; Horizontal Fixed Roof	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
T1003**	47.6 barrel Underground Interface (1,999 gallon) Storage tank; Horizontal Fixed Roof VOID	Insignificant Activity by virtue of Size/ S. C. List (Item B.3)
T1004	238 barrel Underground PCW (9,996 gallon) Storage tank; Horizontal Fixed Roof	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
T1005***	47.6 barrel Underground VRU Knockout (1,999 gallon) Storage tank; Horizontal Fixed Roof	S. C. List (Item B.3)
TA-2	190 barrel Additive (8,000 gallon) Aboveground Storage tank; Horizontal Fixed Roof	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)

BP Products North America, Inc. – North Augusta Terminal

CM-0980-0014

Page 24 of 24

Equip ID	Source Description (Date Listed)	Exemption Basis
SVE	Soil Vapor Extraction (SVE) System (Consist of vacuum recovery of vapor-phase VOCs from 10 recovery wells, a 15 hp explosion proof Lamson Turbotron Exhauster to generate ~ 4 in. mercury vacuum at each recovery well)	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
T1007	12,000 Gallon Aboveground Emergency Spill Tank	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
IF	800 gallon Aboveground Interface Tank near truck rack	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
RF	Two (2) Rudd Furnaces (December 11, 2003)	SC Regulation 61-62.1, Section II, B(2)(a)
B3	One (1) 0.637 MM Btu/hr virgin No. 2 fuel oil fired Boiler (December 11, 2003)	SC Regulation 61-62.1, Section II, B(2)(a)
T1008	One (1) 1,000 gallon capacity underground storage tank containing gasoline (Knock-out tank). This tank is associated with the facility vapor recovery unit.	SC Regulation 61-62.1, Section II,B(2)(h), and SC Regulation 61-62.5, Standard 8(I)(B)
T1009	One(1) 100 gallon capacity interface aboveground storage tank (Sample Tank)	SC Regulation 61-62.1, Section II,B(2)(h)
TA3	One(1) 350 gallon capacity aboveground totes (Red Dye)	SC Regulation 61-62.1, Section II,B(2)(h)
TA4	One(1) 350 gallon capacity aboveground totes (Stadis 425)	SC Regulation 61-62.1, Section II,B(2)(h)
A3	4,000 gallon underground ethanol containment tank	SC Regulation 61-62.1, Section II,B(2)(h)
A4	10,000 gallon aboveground ethanol containment tank	SC Regulation 61-62.1, Section II,B(2)(h)

N/A = Not Applicable

ATTACHMENT A

Modeled Emission Rates
BP Products North America, Inc. – North Augusta Terminal
CM-0980-0014
PAGE 1 OF 1

STANDARD NO. 8 - MODELED AIR TOXIC EMISSION RATES (LBS/HR)	
STACK ID	Hexane
	110-54-3
VRU Gasoline (Controlled)	0.481
FACILITY TOTAL	0.481

DE MINIMIS AIR TOXIC EMISSION RATES (LBS/HR) TABLE II				
STACK ID	2,2,4 - Trimethyl Pentane	Xylene	Methyl t-butyl Ether	Naphthalene
	540-84-1	1330-20-7	1634-04-4	91-20-3
Fugitives	0.000658	0.000203	--	--
Gasoline	0.027370	0.008422	--	--
Soil Vapor Extraction System	--	0.011	0.00009	0.00023
Tank 101	0.001073	0.000330	--	--
Tank 102	0.001073	0.000330	--	--
Tank 103	0.001074	0.000330	--	--
Tank 104	0.000000	0.006139	--	--
Tank 105	0.003048	0.000938	--	--
Tank 106	0.014493	0.004459	--	--
Tank TA1	--	--	--	--
Tank TA2	--	--	--	--
Tank TA3	--	--	--	--
Tank TA4	--	--	--	--
VRU Distillate	0.063154	0.019432	--	--
VRU Gasoline	0.000000	0.000047	--	--
FACILITY TOTAL	0.111943	0.051630	0.000090	0.000230

CURRENT DATE

BP Products North America, Inc. – North Augusta Terminal
7401 Old Mount Holly Road,
Charlotte, NC 28214

ATTENTION: Maribeth Dobbins, PE, CSP

Dear Ms Dobbins:

Enclosed with this letter is Permit No. CM-0980-0014 that takes effect on [DATE]. This conditional major operating permit will limit the facility's potential to emit to below Title V Major Source thresholds, thereby restricting it from Title V Major Source status as defined in SC Regulation 61-62.70, "Title V Operating Permit Program." Please note the conditions and limitations imposed. This permit will be valid through EXPIRATION DATE. Pursuant to the South Carolina Administrative Procedures Act, this permit decision may be appealed in accordance with applicable state law. Please see the enclosed Notice of Appeal Procedure, effective July 01, 2006, for guidelines on appeal submittals.

Please examine this new permit carefully for errors or omissions and notify the appropriate staff member, David D. Abusah, (803-898-4170) or e-mail at abusahdd@dhec.sc.gov promptly if any are discovered.

Thank you for your cooperation.

Sincerely,

Elizabeth J. Basil, Director
Engineering Services Division
Bureau of Air Quality

EJB: DDA: <TYPIST'S INITIALS>

Enclosures

cc: Mark Harvley, Region 1, Greenwood EQC Office
Conditional Major File: 0980-0014

Notice of Appeal Procedure

The following procedures are in effect beginning July 1, 2006, pursuant to 2006 Act No. 387:

1. This decision of the S.C. Department of Health and Environmental Control (Department) becomes the final agency decision 15 days after notice of the decision has been mailed to the applicant or respondent, unless a written request for final review is filed with the Department by the applicant, permittee, licensee, or affected person.
2. An applicant, permittee, licensee, or affected person who wishes to appeal this decision must file a written request for final review with the Clerk of the Board at the following address or by facsimile at 803-898-3393.

Clerk of the Board
SC DHEC
2600 Bull Street
Columbia, SC 29201

3. The request for final review should include the following:
 - a. the grounds on which the Department's decision is challenged and the specific changes sought in the decision
 - b. a statement of any significant issues or factors the Board should consider in deciding how to handle the matter
 - c. a copy of the Department's decision or action under review
4. In order to be timely, a request for final review must be received by the Clerk of the Board within 15 days after notice of the decision has been mailed to the applicant or respondent. If the 15th day occurs on a weekend or State holiday, the request is due to be received by the Clerk of the Board on the next working day. The request for final review must be received by the Clerk of the Board by 5:00 p.m. on the date it is due.
5. If a timely request for final review is filed with the Clerk of the Board, the Clerk will provide additional information regarding procedures.
6. The Board of Health and Environmental Control has 60 days from the date of receipt of a request for final review to conduct a final review conference. The conference may be conducted by the Board, its designee, or a committee of three members of the Board appointed by the chair.
7. If a final review conference is not conducted within 60 days, the Department decision becomes the final agency decision, and a party may request a contested case hearing before the Administrative Law Court within 30 days after the deadline for the final review conference.

The above information is provided as a courtesy; parties are responsible for complying with all applicable legal requirements.