



## State of Mississippi



### FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

### THIS CERTIFIES

Kinder Morgan Southeast Terminals LLC, Collins Terminal

31 Kola Road

Collins, MS

Covington County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

Mississippi Environmental Quality Permit Board

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Mississippi Department of Environmental Quality

Issued/Modified: MAR 09 2017

Expires: APR 30 2020

Permit No. 0640-00024

Agency Interest # 1057

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Other Relevant Documents:

### APPENDIX B LIST OF REGULATIONS REFERENCED IN PERMIT

The full text of the regulations referenced in this permit may be found on-line at <http://www.deq.state.us.us> and <http://ecfr.gpoaccess.gov>, or the Mississippi Department of Environmental Quality (MDEQ) will provide a copy upon request. A list of regulations referenced in this permit is shown below:

Title 11, Part 2, Chapter 2: Mississippi Commission on Environmental Quality, Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Adopted May 8, 1970; Last Amended July 28, 2005)

Title 11, Part 2, Chapter 1: Mississippi Commission on Environmental Quality, Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Adopted May 8, 1970. Last Amended December 14, 2011)

40 CFR Part 60, Subpart A - Standards of Performance for New Stationary Source General Provisions

40 CFR Part 60, Subpart XX - Standards of Performance for Bulk Gasoline Terminals does not apply to this facility because the loading racks were constructed before December 17, 1980

40 CFR Part 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

40 CFR 63, Subpart BBBB- National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Kinder Morgan Southeast Terminals LLC, Collins Terminal

Subject Item Inventory

Permit Number: 0640-00024

Activity ID No.: PER20170001

### Subject Item Inventory:

ID	Designation	Description
AI1057	1057	Bulk Fuel Terminal
AREA1	AA-009	Truck Loading Rack Equipped with a VCU (includes three lanes each with two diesel loading arms, 1 ethanol loading arm and three gasoline loading arms)
AREA2	FUG-001	Leaks from Equipment in Gasoline Service
AREA3	AA-017	Piping Fugitives
EQPT1	AA-001	604,588 Gallon Internal Floating Roof Gasoline (Mogas) Storage Tank (Facility Ref. No. Tank #1)
EQPT2	AA-010	4,000 Gallon Lubricity Additive Tank (Facility Ref. No. Tank #10)
EQPT3	AA-002	403,709 Gallon Internal Floating Roof Gasoline (Mogas), Denatured Ethanol or Diesel Fuel Storage Tank (Facility Ref. No. Tank #2)
EQPT4	AA-003	421,535 Gallon Fixed Roof Distillate Storage Tank (Facility Ref. No. Tank #3)
EQPT5	AA-004	615,976 Gallon Internal Floating Roof Denatured Ethanol Storage Tank (Facility Ref. No. Tank #4)
EQPT6	AA-005	1,606,000 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #5)
EQPT7	AA-006	10,000 Gallon Fixed Roof Additive Storage Tank (Facility Ref. No. Tank #6)
EQPT8	AA-007	10,000 Gallon Fixed Roof Off Spec Product Storage Tank (Facility Ref. No. Tank #7)
EQPT9	AA-008	10,000 Gallon Fixed Roof Additive Storage Tank (Facility Ref. No. Tank #8)
EQPT10	AA-011	3,415,146 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #9)
EQPT11	AA-012	3,553,200 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #11)
EQPT12	AA-013	Butane Unloading
EQPT13	AA-014	250 Gallon Sample Return Tank (Facility Reference Number: Tank SRT, Formerly Tank #12)
EQPT14	AA-015	250 Gallon Ethanol Day Tank (Facility Reference Number: Tank EDT, Formerly Tank #13)
EQPT16	AA-016	10,000 gallon additive tank (Facility Reference: Tank #14)

# Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Kinder Morgan Southeast Terminals LLC, Collins Terminal

Subject Item Inventory

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## Subject Item Groups:

ID	Description	Components
GRPT1	Emission Points AA-001, AA-002, AA-005, AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 63, Subpart BBBBBB Requirements)	EQPT1 604,588 Gallon Internal Floating Roof Gasoline (Mogas) Storage Tank (Facility Ref. No. Tank #1)
		EQPT3 403,709 Gallon Internal Floating Roof Gasoline (Mogas), Denatured Ethanol or Diesel Fuel Storage Tank (Facility Ref. No. Tank #2)
		EQPT5 615,976 Gallon Internal Floating Roof Denatured Ethanol Storage Tank (Facility Ref. No. Tank #4)
		EQPT6 1,606,000 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #5)
		EQPT10 3,415,146 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #9)
		EQPT11 3,553,200 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #11)
GRPT2	Emission Point AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 60, Subpart Kb Requirements)	EQPT10 3,415,146 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #9)
		EQPT11 3,553,200 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #11)
GRPT3	Emission Point FUG-001, AA-001, AA-002, AA-005, AA-011, AA-012 and AA-009 (All Equipment in Gasoline Service, 40 CFR 63, Subpart BBBBBB Requirements)	AREA1 Truck Loading Rack Equipped with a VCU (includes three lanes each with two diesel loading arms, 1 ethanol loading arm and three gasoline loading arms)
		AREA2 Leaks from Equipment in Gasoline Service
		EQPT1 604,588 Gallon Internal Floating Roof Gasoline (Mogas) Storage Tank (Facility Ref. No. Tank #1)
		EQPT3 403,709 Gallon Internal Floating Roof Gasoline (Mogas), Denatured Ethanol or Diesel Fuel Storage Tank (Facility Ref. No. Tank #2)
		EQPT6 1,606,000 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #5)
		EQPT10 3,415,146 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #9)
		EQPT11 3,553,200 Gallon Internal Floating Roof Gasoline Storage Tank (Facility Ref. No. Tank #11)

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Kinder Morgan Southeast Terminals LLC, Collins Terminal

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### Receiving Stream Relationships:

Subject Item	Relationship	Receiving Stream
AI 1057 Bulk Fuel Terminal	Discharges Into	Unnamed Tributary of
	Then Into	Okatoma Creek

#### KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Kinder Morgan Southeast Terminals LLC, Collins Terminal

Facility Requirements

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### AI0000001057 (1057) Bulk Fuel Terminal:

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1		<p>The permittee shall limit facility-wide maximum throughputs to no more than:</p> <p>(a) 420,468,000 gallons in any rolling 12-month period of combined denatured ethanol and additized gasoline (MOGAS plus additive), which includes:</p> <p>(1) 420,000,000 gallons of combined denatured ethanol and gasoline (MOGAS) in any rolling 12-month period</p> <p>(2) 468,000 gallons of additives in any rolling 12-month period</p> <p>(b) 300,000 gallons of off-spec product in any rolling 12-month period</p> <p>(c) 300,000,000 gallons of distillate in any rolling 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]</p>
L-2		<p>The permittee is prohibited from handling reformulated or oxygenated gasoline. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]</p>
L-3		<p>The facility is a bulk gasoline terminal for which the permittee is subject to and shall comply with the applicable requirements of National Emissions Standards for Hazardous Air Pollutants for Source Category (NESHAP), 40 CFR 63, Subpart A - General Provisions and Subpart BBBBBB - Standards for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. [40 CFR 63_SUBPART BBBBBB]</p>
L-4		<p>For Emission Point AA-009, the permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards (NSPS) 40 CFR 60, Subpart A - General Provisions and Subpart XX - Standards of Performance for Bulk Gasoline Terminals. [40 CFR 60_SUBPART XX]</p>
L-5		<p>For Emission Points AA-011 and AA-012, the permittee is subject to and shall comply with the applicable requirements of the New Source Performance Standards (NSPS) 40 CFR 60 Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels. [40 CFR 60_SUBPART Kb]</p>

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### AI0000001057 (1057) Bulk Fuel Terminal:

#### Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall maintain monthly records of the throughputs of each product (MOGAS, additive, distillate, ethanol and off-spec). The permittee shall maintain these records on file at the facility for five (5) years and shall make them available upon request by Office of Pollution Control personnel. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]

#### Submittal/Action Requirements:

Condition No.	Condition
S-1	Submit a report : Due annually by the 31st of January. The permittee shall submit a report of the number of roof landings conducted throughout the previous twelve (12) month period for each tank. The report shall include the duration (in hours) of each landing, the reason for the roof landing (i.e., cleaning, degassing, product change out, etc.), the ton per year of VOC for each roof landing event and the combined ton per year for all tank roof landings. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
S-2	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall be submitted to the Office of Pollution Control and indicate the throughputs for each month and each rolling 12 month period for each product (MOGAS, additive, distillate, ethanol and off-spec). This report shall also address any other required monitoring specified in the permit. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11)]
S-3	General Condition: Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began. [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]

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### AI0000001057 (1057) Bulk Fuel Terminal:

#### Narrative Requirements:

Condition No.	Condition
T-1	The operator of the equipment covered by this permit shall operate and maintain this equipment to assure that the emission rates will not, at any time, exceed the rates allowed by the Mississippi Air Emission Regulations. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
T-2	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-3	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-4	General Condition: Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering state waters without the proper environmental permits. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-5	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in 11 Miss. Admin. Code Pt.2, R. 1.10, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-6	General Condition: Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule. [11 Miss. Admin.Code Pt. 2, R.2.10.]
T-7	General Condition: The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials: (a) To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and (b) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission. [Miss. Code Ann. 49-17-21]
T-8	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to: (a) Violation of any terms or conditions of this permit (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or (c) A change in any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]



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### AI0000001057 (1057) Bulk Fuel Terminal:

#### Narrative Requirements:

Condition No.	Condition
T-9	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-10	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49-17-39]
T-11	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]
T-12	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]
T-13	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-14	General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]
T-15	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]
T-16	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]

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### AI0000001057 (1057) Bulk Fuel Terminal:

#### Narrative Requirements:

Condition No.	Condition
T-17	General Condition: The permittee shall furnish to MDEQ within a reasonable time any information MDEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to MDEQ along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]
T-18	<p>General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 2 "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:</p> <ul style="list-style-type: none"><li>(a) routine maintenance, repair, and replacement;</li><li>(b) use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;</li><li>(c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;</li><li>(d) use of an alternative fuel or raw material by a stationary source which: (i) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 40 CFR 51.166;</li><li>(e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or</li><li>(f) any change in ownership of the stationary source" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]</li></ul>
T-19	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]

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### AI0000001057 (1057) Bulk Fuel Terminal:

#### Narrative Requirements:

Condition No.	Condition
T-20	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request. [11 Miss. Admin.Code Pt. 2, R.2.9.]
T-21	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]
T-22	<p>General Condition: Emergencies</p> <p>(a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p> <p>(b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.</p> <p>(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.</p> <p>(e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]</p>

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**AI0000001057 (1057) Bulk Fuel Terminal:**

### Narrative Requirements:

Condition No.	Condition
T-23	<p>General Condition: Upsets</p> <p>(a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.</p> <p>(c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>
T-24	<p>General Condition: Startups and Shutdowns</p> <p>(a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.</p> <p>(c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>

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**AI0000001057 (1057) Bulk Fuel Terminal:**

### Narrative Requirements:

Condition No.	Condition
T-25	<p>General Condition: Maintenance</p> <p>(a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.</p> <p>(c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>
T-26	<p>General Condition: For renewal of this permit the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.8.]</p>

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**AREA0000000001 (AA-009) Truck Loading Rack Equipped with a VCU (includes three lanes each with two diesel loading arms, 1 ethanol loading arm and three gasoline loading arms):**

### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: For Emission Point AA-009, the Opacity shall be limited to 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, Ch. 1. 1.3.A(1)]
L-2		Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.2.B(10)]
L-3		For Emission Point AA-009, the permittee is subject to and shall comply with all applicable requirements of the New Source Performance Standards for Bulk Gasoline Terminals as specified in 40 CFR 60, Subpart XX and the General Provisions as specified in 40 CFR 60, Subpart A. [40 CFR 60 SUBPART XX.II(B)(10)]
L-4		For Emission Point AA-009, the Total Organic Compounds shall be limited to 35 mg of TOC/liter of gasoline loaded, not to exceed 86.46 tons/year, as determined by EPA Reference Methods 25A or 25B, Appendix A and the test methods and procedures specified in 40 CFR 60.503. [40 CFR 60.502(b)]
L-5		For Emission Point AA-009, the permittee shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading. [40 CFR 60.502(a)]
L-6		For Emission Point AA-009, the permittee shall act to assure that loadings of gasoline 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. [40 CFR 60.502(f)]
L-7		For Emission Point AA-009, each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack. [40 CFR 60.502(d)]

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**AREA0000000001 (AA-009) Truck Loading Rack Equipped with a VCU (includes three lanes each with two diesel loading arms, 1 ethanol loading arm and three gasoline loading arms):**

### Limitation Requirements:

Condition No.	Parameter	Condition
L-8		<p>For Emission Point AA-009, loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:</p> <p>(1) The permittee shall obtain the vapor tightness documentation for each gasoline tank truck which is to be loaded at the affected facility.</p> <p>(2) The permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.</p> <p>(3) The permittee shall cross-check each tank identification number with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.</p> <p>(4) The permittee shall notify the owner or operator of each non vapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.</p> <p>(5) The permittee shall take steps assuring that the non vapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained. [40 CFR 60.502(e)]</p>
L-9		<p>For Emission Point AA-009, the permittee shall act to assure 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 racks. [40 CFR 60.502(g)]</p>
L-10		<p>For Emission Point AA-009, 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. This level is not to be exceeded when measure by the procedures specified in 40 CFR 60.503(d). [40 CFR 60.502(h)]</p>
L-11		<p>For Emission Point AA-009, no pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water). [40 CFR 60.502(i)]</p>

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### Limitation Requirements:

Condition No.	Parameter	Condition
L-12		40 CFR 63, Subpart BBBB BB Applicability  For Emission Points AA-009, the permittee is subject to and shall comply with applicable requirements of 40 CFR 63, Subpart BBBB BB, National Emission standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. [40 CFR 63.11081(a)(1)]
L-13		40 CFR 63, Subpart BBBB BB Limitations for the Loading Rack (Emission Point AA-009)  For Emission Point AA-009, the permittee must:  equip each loading rack with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading and;  design and operated the vapor collection system to prevent any TOC vapors collected at one loading rack from passing to another loading rack and;  limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR §60.502 (e) through (j)  Reduce emissions of TOC to less than or equal to 80 mg TOC/liter of gasoline loaded into cargo tanks at the loading rack.  Note: The permittee is limited to 35 mg TOC/liter of gasoline loaded into gasoline cargo tanks from the loading rack (Condition No. L-4 on page 8 of this permit). The loading rack is also subject to 80 mg TOC per liter of gasoline loaded (Table 2 of 40 CFR 63, Subpart BBBB BB). Compliance with the more stringent NSPS Subpart XX limit of 35 mg TOC/liter of gasoline loaded into gasoline cargo tanks from the loading rack is sufficient to ensure compliance with the NESHAP Subpart BBBB BB limit. [40 CFR 63.11088(a), 40 CFR 63_SUBPART BBBB BB.Table 2]



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### Limitation Requirements:

Condition No.	Parameter	Condition
L-14		For Emission Point AA-009, the permittee shall limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502(e) through (j). [40 CFR 63.11088(a), 40 CFR 63.Table 2]
L-15		For Emission Point AA-009, the permittee shall operate and maintain the loading rack, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to MDEQ, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.11085(a)]

### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-009, each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, 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. [40 CFR 60.502(j)]

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### Monitoring Requirements:

Condition No.	Parameter	Condition
M-2		<p>For Emission Point AA-009, the permittee shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) while gasoline vapors are displaced to the vapor processor systems, as specified in (1) through (5) below. For each facility conducting a performance test under paragraph (a) (1) 40 CFR §63.11092, and for each facility utilizing the provisions of paragraphs (a)(2) or (a)(3) of 40 CFR §63.11092, the CMS must be installed by January 10, 2011.</p> <p>(1) For each performance test conducted under paragraph (a)(1) of 40 CFR §63.11092, the owner or operator shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in paragraphs (b)(1)(i) through (iv) of 40 CFR §63.11092. During the performance test, continuously record the operating parameter as specified under paragraphs (b)(1)(i) through (iv) 40 CFR §63.11092.</p> <p>(B) As an alternative to paragraph (b)(1)(iii)(A) of 40 CFR §63.11092, you may choose to meet the requirements listed in paragraphs (b)(1)(iii)(B)(1) and (2) of 40 CFR §63.11092.</p> <p>(1) The presence of a thermal oxidation system pilot flame shall be monitored using a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, installed in proximity of the pilot light, to indicate the presence of a flame. The heat-sensing device shall send a positive parameter value to indicate that the pilot flame is on, or a negative parameter value to indicate that the pilot flame is off</p> <p>. [40 CFR 63.11092]</p>

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### Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		<p>Loading Rack Monitoring Continued</p> <p>(2) Develop and submit to the Administrator a monitoring and inspection plan that describes the owner or operator's approach for meeting the requirements in paragraphs (b)(1)(iii)(B)(2)(i) through (v) of 40 CFR §63.11092.</p> <p>(i) The thermal oxidation system shall be equipped to automatically prevent gasoline loading operations from beginning at any time that the pilot flame is absent.</p> <p>(ii) The owner or operator shall verify, during each day of operation of the loading rack, the proper operation of the assist-air blower and the vapor line valve. Verification shall be through visual observation, or through an automated alarm or shutdown system that monitors system operation. A manual or electronic record of the start and end of a shutdown event may be used.</p> <p>(iii) The owner or operator shall perform semi-annual preventive maintenance inspections of the thermal oxidation system, including the automated alarm or shutdown system for those units so equipped, according to the recommendations of the manufacturer of the system. [40 CFR 63.11092]</p>

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### Monitoring Requirements:

Condition No.	Parameter	Condition
M-4		Loading Rack Monitoring Continued
		(iv) The monitoring plan developed under paragraph (2) of this section shall specify conditions that would be considered malfunctions of the thermal oxidation system during the inspections or automated monitoring performed under paragraphs (b)(1)(iii)(B)(2)(ii) and (iii) of 40 CFR §63.11092, describe specific corrective actions that will be taken to correct any malfunction, and define what the owner or operator would consider to be a timely repair for each potential malfunction.
		(v) The owner or operator shall document any system malfunction, as defined in the monitoring and inspection plan, and any activation of the automated alarm or shutdown system with a written entry into a log book or other permanent form of record. Such record shall also include a description of the corrective action taken and whether such corrective actions were taken in a timely manner, as defined in the monitoring and inspection plan, as well as an estimate of the amount of gasoline loaded during the period of the malfunction.
		(vi) Monitoring an alternative operating parameter or a parameter of a vapor processing system other than those listed in paragraphs (b)(1)(i) through (iii) of 40 CFR §63.11092 will be allowed upon demonstrating to the Administrator's satisfaction that the alternative parameter demonstrates continuous compliance with the emission standard in 40 CFR §63.11088(a). [40 CFR 63.11092]

### Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Point AA-009, the tank truck vapor tightness documentation shall be kept on file at the terminal in a permanent form available for inspection. [40 CFR 60.505(a)]

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**Record-Keeping Requirements:**

Condition No.	Condition
R-2	<p>For Emission Point AA-009, the documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include the following information:</p> <ul style="list-style-type: none"><li>(1) Test title: Gasoline Delivery Tank Pressure Test - EPA Reference Method 27.</li><li>(2) Tank owner and address.</li><li>(3) Tank identification number.</li><li>(4) Testing location.</li><li>(5) Date of test.</li><li>(6) Tester name and signature.</li><li>(7) Witnessing inspector, if any: Name, signature, and affiliation.</li><li>(8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs). [40 CFR 60.505(b)]</li></ul>

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**Record-Keeping Requirements:**

Condition No.	Condition
R-3	<p>For Emission Point AA-009, a record of each monthly leak inspection shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:</p> <ul style="list-style-type: none"><li>(1) Date of inspection.</li><li>(2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak)</li><li>(3) Leak determination method.</li><li>(4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).</li><li>(5) Inspector name and signature.</li></ul> <p>. [40 CFR 60.505(c)]</p>
R-4	<p>For Emission Point AA-009, the permittee shall keep documentation of all notifications on file at the terminal for at least 2 years. [40 CFR 60.505(d)]</p>

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**AREA0000000001 (AA-009) Truck Loading Rack Equipped with a VCU (includes three lanes each with two diesel loading arms, 1 ethanol loading arm and three gasoline loading arms):**

### **Record-Keeping Requirements:**

Condition No.	Condition
R-5	<p>For Emission Point AA-009, the permittee shall keep records of the test results for each gasoline cargo tank loading at the facility according to the following:</p> <p>(1) Records of the annual certification testing performed under 40 CFR 60.505(b) and 63.11092(f)(1)</p> <p>(2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation of each test shall include, as a minimum, the information in (a) through (h) below:</p> <p>(a) Name of test (e.g. Annual Certification Test- Method 27)</p> <p>(b) Cargo tank owner's name and address</p> <p>(c) Cargo tank identification number</p> <p>(d) Test location and date</p> <p>(e) Tester name and signature</p> <p>(f) Witnessing inspector, if any: Name, signature, and affiliation.</p> <p>(g) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing</p> <p>(h) Test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition. [40 CFR 63.11088(f), 40 CFR 63.11094((b-c)), 40 CFR 60.505((a-b)), 40 CFR 60.505(e)]</p>

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**AREA0000000001 (AA-009) Truck Loading Rack Equipped with a VCU (includes three lanes each with two diesel loading arms, 1 ethanol loading arm and three gasoline loading arms):**

### Record-Keeping Requirements:

Condition No.	Condition
R-6	<p>Loading Rack Recordkeeping Continued</p> <p>(3) As an alternative to keeping records of each gasoline cargo tank test at the terminal, as required in (1) and (2) above, the permittee may comply with either of the following:</p> <p>(a) Keep an instantly available electronic copy of each record available at the terminal. The copy of each record must be an exact duplicate image of the original paper record with certifying signatures. MDEQ must be notified in writing that the terminal is in compliance with this alternative; or</p> <p>(b) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection during the course of a site visit, or within a mutually agreeable time frame.</p> <p>The copy of each record must be an exact duplicate image of the original paper record with certifying signatures. MDEQ must be notified in writing that the terminal is in compliance with this alternative. [40 CFR 63.11088(f), 40 CFR 63.11094((b-c)), 40 CFR 60.505((a-b)), 40 CFR 60.505(e)]</p>



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**AREA0000000001 (AA-009) Truck Loading Rack Equipped with a VCU (includes three lanes each with two diesel loading arms, 1 ethanol loading arm and three gasoline loading arms):**

### **Submittal/Action Requirements:**

Condition No.	Condition
S-1	<p>For Emission Point AA-009, the permittee shall demonstrate compliance with the TOC emission limitations on the vapor combustion unit by stack testing in accordance with EPA Reference Method 25A of 25B and the test methods and procedures specified in 40 CFR 60.503 and submittal of a stack test report by April 8, 2016 and biennially thereafter.</p> <p>The test shall be six hours in duration during which at least 300,000 liters of gasoline must be loaded. If this is not possible, the test may be continued the same day until 300,000 liter of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000 liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.</p> <p>The permittee shall submit a written test protocol at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the DEQ. Also, the permittee shall notify the DEQ in writing at least ten (10) days notice so that an observer may be afforded the opportunity to witness the test. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.2.B(10), 40 CFR 60.503(c)(1)]</p>

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### AREA0000000002 (FUG-001) Leaks from Equipment in Gasoline Service:

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For Emission Point FUG-001 (Equipment in Gasoline Service Leaks), the permittee is subject to and shall comply with the equipment leak inspection requirements in 40 CFR 63.11089 including the following ;</p> <p>Perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable;</p> <p>A log book shall be used and shall be signed by the permittee at the completion of each inspection. Each detection of a liquid or vapor leak shall be recorded in the log book. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.</p> <p>When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak.</p> <p>Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The permittee shall provide in the semiannual report specified in 40 CFR 63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed. [40 CFR 63.11089]</p>

#### Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>For Emission Point FUG-001 (Equipment in Gasoline Service Leaks), the permittee shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. If the permittee elects to implement an instrument program under 40 CFR 63.11089, the record shall contain a full description of the program. [40 CFR 63.11094, 40 CFR 63.11089(g)]</p>

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**AREA0000000002 (FUG-001) Leaks from Equipment in Gasoline Service:**

**Record-Keeping Requirements:**

Condition No.	Condition
R-2	<p>For Emission Point FUG-001 (Equipment in Gasoline Service Leaks), the permittee shall record in the log book for each leak that is detected the information specified in the list below:</p> <ul style="list-style-type: none"><li>(1) The equipment type and identification number.</li><li>(2) the nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).</li><li>(3) The date the leak was detected and the date of each attempt to repair the leak..</li><li>(4) Repair methods applied in each attempt to repair the leak.</li><li>(5) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.</li><li>(6) The expected date of successful repiar of the lak if the lak is not repaired within 15 days.</li><li>(7) the date of successful repair of the leak. [40 CFR 63.11089(g), 40 CFR 63.11094(e)]</li></ul>

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**EQPT0000000002 (AA-010) 4,000 Gallon Lubricity Additive Tank (Facility Ref. No. Tank #10):**

**Narrative Requirements:**

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Condition No.	Condition
T-1	Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10)]

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**EQPT0000000004 (AA-003) 421,535 Gallon Fixed Roof Distillate Storage Tank (Facility Ref. No. Tank #3):**

**Narrative Requirements:**

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Condition No.	Condition
T-1	Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10)]

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**EQPT0000000005 (AA-004) 615,976 Gallon Internal Floating Roof Denatured Ethanol Storage Tank (Facility Ref. No. Tank #4):**

**Narrative Requirements:**

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Condition No.	Condition
T-1	Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10)]

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**EQPT0000000007 (AA-006) 10,000 Gallon Fixed Roof Additive Storage Tank (Facility Ref. No. Tank #6):**

**Narrative Requirements:**

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Condition No.	Condition
T-1	Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10)]

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**EQPT0000000008 (AA-007) 10,000 Gallon Fixed Roof Off Spec Product Storage Tank (Facility Ref. No. Tank #7):**

**Narrative Requirements:**

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Condition No.	Condition
T-1	Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10)]



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**EQPT0000000009 (AA-008) 10,000 Gallon Fixed Roof Additive Storage Tank (Facilty Ref. No. Tank #8):**

**Narrative Requirements:**

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Condition No.	Condition
T-1	Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B (10)]

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**EQPT0000000012 (AA-013) Butane Unloading:**

**Limitation Requirements:**

Condition No.	Parameter	Condition
L-1		Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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**GRPT0000000001 (Gasoline Storage Tanks) Emission Points AA-001, AA-002, AA-005, AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 63, Subpart BBBBBB Requirements):**

### Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Emission Points AA-001, AA-002, AA-005, AA-011 and AA-012 are subject to and shall comply with 40 CFR 63, Subpart BBBBBB, National Emission standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. [40 CFR 63.11081(a)(1), 40 CFR 63.11082(a), 40 CFR 63.11082(d)]
L-2		For Emission Points AA-001, AA-002, AA-005, AA-011 and AA-012, the permittee must equip each internal floating roof gasoline storage tank according to the requirements in §60.112b(a)(1) excluding §60.112b(a)(1)(ii)(B) and §60.112b(a)(1)(iv) through (ix) in order to comply with Subpart BBBBBB. [40 CFR 63.11087(a), 40 CFR 63_SUBPART BBBBBB.Table 1(2)(b)]

### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For Emission Point AA-001, AA-002, AA-005, AA-011 and AA-012, the permittee must perform inspections the permittee must perform inspections of the floating roof system according to the requirements of §60.113b(a) to show compliance with option 2(b) in Table 1. [40 CFR 63.11092(e)(1)]

### Record-Keeping Requirements:

Condition No.	Condition
R-1	For Emission Points AA-001, AA-002, AA-005, AA-011 and AA-012, the permittee shall keep records as specified in 40 CFR 60.115b, except these records shall be kept for at least 5 years. [40 CFR 63.11094(a), 40 CFR 63.11087(e)]

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### GRPT0000000002 (NSPS Subpart Kb Tanks) Emission Point AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 60, Subpart Kb Requirements):

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Points AA-011 and AA-012, the permittee is subject to and shall comply with the New Source Performance Standards (NSPS) 40 CFR 60 Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels for which construction, reconstruction, or modification commenced after July 23, 1984 and 40 CFR 60, Subpart A - General Provisions. [40 CFR 60.110b(a)]
L-2		<p>For Emission Point AA-011 and AA-012, the permittee shall equip the storage vessel with a fixed roof in combination with an internal floating roof meeting the following specifications:</p> <p>(a) 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>(b) 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>(i) 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>(ii) Two seals mounted 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>(iii) 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. [40 CFR 60.(a)(1)(i)]</p>

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**GRPT0000000002 (NSPS Subpart Kb Tanks) Emission Point AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 60, Subpart Kb Requirements):**

**Limitation Requirements:**

Condition No.	Parameter	Condition
L-3		<p>Tank Specification Continued:</p> <p>Emission Points AA-011 and AA-012, the internal floating roof shall meet the following specifications:</p> <p>Each opening in a noncontact 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>Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and the 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>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. [40 CFR 60.112b (a)]</p>

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### GRPT0000000002 (NSPS Subpart Kb Tanks) Emission Point AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 60, Subpart Kb Requirements):

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-4		<p>Tank Specifications Continued:</p> <p>For Emission Points AA-011 and AA-012, the internal floating roofs shall meet the following specifications:</p> <p>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>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>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>Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)]</p>

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For Emission Point AA-011 and AA-012, the permittee shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with 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 of operator shall repair the items before filling the storage vessel. [40 CFR 60.113b(a(1))]</p>

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### GRPT0000000002 (NSPS Subpart Kb Tanks) Emission Point AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 60, Subpart Kb Requirements):

#### Monitoring Requirements:

Condition No.	Parameter	Condition
M-2		For Emission Point AA-011 and AA-012, which are equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in 40 CFR 60.112b cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. [40 CFR 60.115b]
M-3		For Emission Points AA-011 and AA-012, if the vessels are equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B): (i) Visually inspect the vessel as specified in paragraph (a)(4) of 40 CFR §60.113b at least every 5 years or (ii) Visually inspect the vessel as specified in paragraph (a)(2) of 40 CFR §60.113b. [40 CFR 60.113b]
M-4		For Emission Point AA-011 and AA-012, 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 40 CFR §60.113b and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of 40 CFR §60.113b. [40 CFR 60.113b(a)(4)]

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**GRPT0000000002 (NSPS Subpart Kb Tanks) Emission Point AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 60, Subpart Kb Requirements):**

**Monitoring Requirements:**

Condition No.	Parameter	Condition
M-5		For Emission Points AA-011 and AA-012, the permittee shall notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (a)(1) and (a)(4) of 40 CFR 60.113b to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (a)(4) 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. [40 CFR 60.113b((a)(5))]



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### GRPT0000000002 (NSPS Subpart Kb Tanks) Emission Point AA-011 and AA-012 (Gasoline Storage Tanks, 40 CFR 60, Subpart Kb Requirements):

#### Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>For Emission Points AA-011 and AA-012, the permittee shall keep records and furnish reports as required by paragraphs (a), (b), or (c) of 40 CFR 60.115b depending upon the control equipment installed to meet the requirements of §60.112b. The owner or operator shall keep copies of all reports and records required by this section, except for the record required by (c)(1), for at least 2 years. The record required by (c)(1) will be kept for the life of the control equipment.</p> <p>(a) After installing control equipment in accordance with §60.112b(a)(1) (fixed roof and internal floating roof), the owner or operator shall meet the following requirements.</p> <p>(1) Furnish the Department with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).</p> <p>(2) Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).</p> <p>(3) If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection required by §60.113b(a)(2), a report shall be furnished to the Department within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.</p> <p>(4) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in §60.113b(a)(3)(ii), a report shall be furnished to the Department within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §60.112b(a)(1) or §60.113b(a)(3) and list each repair made. [40 CFR 60.115b]</p>

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**GRPT0000000003 (All Equipment in Gasoline Service) Emission Point FUG-001, AA-001, AA-002, AA-005, AA-011, AA-012 and AA-009 (All Equipment in Gasoline Service, 40 CFR 63, Subpart BBBBBB Requirements):**

### Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to MDEQ, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63 _SUBPART BBBBBB]

### Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>For the loading rack, and when applicable, the tanks in gasoline service, the permittee shall:</p> <ol style="list-style-type: none"><li>(1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under § 40 CFR §63.11092(b)(1)(iii). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.</li><li>(2) Keep an up-to-date, readily accessible copy of the monitoring and inspection plan required under 40 CFR §63.11092(b)(1)(iii)(B)(2).</li><li>(3) Keep an up-to-date, readily accessible record of the occurrence and duration of each malfunction of operation (i.e. process equipment) or the air pollution control and monitoring equipment and all system malfunctions, as specified in 40 CFR §63.11092(b)(1)(iii)(B)(2)(v).</li><li>(4) Records of actions taken during periods of malfunction to minimize emissions in accordance with § 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR 63 _SUBPART BBBBBB]</li></ol>

**Permit to Operate Air Emissions Equipment at a Synthetic Minor Source**

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**GRPT0000000003 (All Equipment in Gasoline Service) Emission Point FUG-001, AA-001, AA-002, AA-005, AA-011, AA-012 and AA-009 (All Equipment in Gasoline Service, 40 CFR 63, Subpart BBBBBB Requirements):**

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	<p>For Emission Points FUG-001, AA-001, AA-002, AA-005, AA-011, AA-012 and AA-009, the permittee shall submit the following information to the Department in the semiannual compliance report:</p> <p>(1) For storage tanks complying with option 2(b) in Table 1 to Subpart BBBBBB, the information specified in 40 CFR §60.115b(a).</p> <p>(2) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.</p> <p>(3) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection</p> <p>(4) The number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded; a description of actions taken during the malfunction to minimize emissions in accordance with § 63.11085(a); and actions taken to correct the malfunction. [40 CFR 63.11087(e), 40 CFR 63.11088(f-g)]</p>

## Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

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**GRPT0000000003 (All Equipment in Gasoline Service) Emission Point FUG-001, AA-001, AA-002, AA-005, AA-011, AA-012 and AA-009 (All Equipment in Gasoline Service, 40 CFR 63, Subpart BBBBBB Requirements):**

### Submittal/Action Requirements:

Condition No.	Condition
S-2	<p>For equipment in gasoline service leaks (Emission Point FUG-001), truck loading rack (Emission Point AA-009) and tanks in gasoline service (AA- 001, AA-002, AA-005, AA-011, AA-012), the permittee shall submit an excess emissions report to the Department at the time the semiannual compliance report is submitted. Excess emissions events and the information to be included in the excess emissions report, are specified in paragraphs (1) through (5) of this condition.</p> <p>(1) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS.</p> <p>(2) Each instance in which malfunctions discovered during the monitoring and inspections required under 40 CFR 63.11092(b)(1)(iii)(B)(2) were not resolved according to the necessary corrective actions described in the monitoring and inspection plan. The report shall include a description of the malfunction and the timing of the steps taken to correct the malfunction.</p> <p>(3) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:</p> <ul style="list-style-type: none"><li>(a) The date on which the leak was detected;</li><li>(b) The date of each attempt to repair the leak;</li><li>(c) The reasons for the delay of repair;</li><li>(d) The date of successful repair</li></ul> <p>(4) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the owner or operator failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.</p> <p>(5) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR §63.11094(b)</p> <p>. [40 CFR 63_SUBPART BBBBBB]</p>

## GENERAL INFORMATION

Kinder Morgan Southeast Terminals LLC, Collins Terminal  
31 Kola Road  
Collins, MS  
Covington County

### Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
1057	ExxonMobil Supply and Refining Company	Historic Site Name	01/10/1989	03/11/2004
2803100024	Kinder Morgan SE Terminals, Collins Term	Air-AIRS AFS (MDEQ USE ONLY)	10/12/2000	04/22/2004
MSD000825364	ExxonMobil Supply and Refining Company, Collins Terminal	Hazardous Waste-EPA ID	04/08/1998	06/14/2004
064000024	ExxonMobil Supply and Refining Company, Collins Terminal	Air-Synthetic Minor Operating	11/20/1997	11/01/2002
MS0044628	ExxonMobil Supply and Refining Company, Collins Terminal	Water - NPDES	01/10/1989	01/09/1994
MS0044628	ExxonMobil Supply and Refining Company, Collins Terminal	Water - NPDES	08/29/2000	04/22/2004
064000024	ExxonMobil Supply and Refining Company, Collins Terminal	Air-Synthetic Minor Operating	12/09/2002	04/22/2004
1057	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Official Site Name	03/11/2004	
064000024	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Air-Synthetic Minor Operating	04/22/2004	11/30/2007
MS0044628	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Water - NPDES	04/22/2004	07/30/2005
2803100024	Kinder Morgan SE Terminals, Collins Term	Air-AIRS AFS	04/22/2004	
MSD000825364	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Hazardous Waste-EPA ID	06/14/2004	
MSG130139	Kinder Morgan Southeast Terminals LLC, Collins Terminal	GP-Hydrostatic Testing	12/09/2005	12/31/2006
MS0044628	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Water - NPDES	04/11/2006	03/31/2011
064000024	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Air-Synthetic Minor Operating	04/09/2008	03/31/2013
MS0044628	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Water - NPDES	05/02/2011	04/30/2016
064000024	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Air-Construction	05/16/2013	
064000024	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Air-Synthetic Minor Operating	05/27/2015	04/30/2020
MSG130466	Kinder Morgan Southeast Terminals LLC, Collins Terminal	GP-Hydrostatic Testing	12/22/2015	08/31/2016
MS0044628	Kinder Morgan Southeast Terminals LLC, Collins Terminal	Water - NPDES	04/07/2016	03/31/2021

**Basin:** Pascagoula River Basin

## GENERAL INFORMATION

**Location Description:**

PG- Plant Entrance (General). Data collected by J. Dewayne Headrick on 11/9/2005.

**General Facility Description:**

This facility is a bulk gasoline terminal and a petroleum storage and transfer facility

**Relevant Documents:**

APPENDIX B LIST OF REGULATIONS REFERENCED IN PERMIT

The full text of the regulations referenced in this permit may be found on-line at <http://www.deq.state.us.us> and <http://ecfr.gpoaccess.gov>, or the Mississippi Department of Environmental Quality (MDEQ) will provide a copy upon request. A list of regulations referenced in this permit is shown below:

Title 11, Part 2, Chapter 2: Mississippi Commission on Environmental Quality, Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Adopted May 8, 1970; Last Amended July 28, 2005)

Title 11, Part 2, Chapter 1: Mississippi Commission on Environmental Quality, Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Adopted May 8, 1970. Last Amended December 14, 2011)

40 CFR Part 60, Subpart A - Standards of Performance for New Stationary Source General Provisions

40 CFR Part 60, Subpart XX - Standards of Performance for Bulk Gasoline Terminals does not apply to this facility because the loading racks were constructed before December 17, 1980

40 CFR Part 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

40 CFR 63, Subpart BBBBBB- National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities