



State of Mississippi



FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

Valero MKS Logistics LLC, Collierville Terminal
772 Wingo Road
Byhalia, MS
Marshall 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. set., 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

Mississippi Department of Environmental Quality

Issued/Modified: OCT 19 2010

Expires: SEP 30 2015

Permit No. 1780-00001

Agency Interest # 10631

*** Official MDEQ Permit - Version 1.1 ***

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Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Valero MKS Logistics LLC, Collierville Terminal

Subject Item Inventory

Permit Number:1780-00001

Activity ID No.: PER20090001

Subject Item Inventory:

ID	Designation	Description
AI10631	10631	Crude Oil Storage and Supply
EQPT1	AA-001	325,000 Barrel Crude Oil Storage Tank equipped with an External Floating Roof with Double Seal (Tank Ref. No. 325077)
EQPT2	AA-002	325,000 Barrel Crude Oil Storage Tank equipped with an External Floating Roof with Double Seal (Tank Ref. No. 325078)
EQPT3	AA-003	335,691 Barrel Crude Oil Storage Tank equipped with an External Floating Roof with Double Seal (Tank Ref. No. 325079)
EQPT4	AA-004	Solar Centaur T-4502 Gas Turbine Pump.
EQPT5	AA-005	2.1 MMBTU/hr natural gas fired standby generator

Subject Item Groups:

ID	Description	Components
GRPT1	2 325,000 Barrel Crude Oil Storage Tanks	EQPT2 325,000 Barrel Crude Oil Storage Tank equipped with an External Floating Roof with Double Seal (Tank Ref. No. 325078)
		EQPT1 325,000 Barrel Crude Oil Storage Tank equipped with an External Floating Roof with Double Seal (Tank Ref. No. 325077)

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

RPNT = Release Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

TRMT = Treatment

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KEY

TRMT = Treatment

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AI0000010631 (10631) Crude Oil Storage and Supply:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Emissions	Emissions: Emission Point AA-004 is subject to and shall comply with NSPS, 40 CFR 60, Subpart GG - Standards of Performance for Stationary Gas Turbines and Subpart A - General Provisions. The Permittee shall not use any fuel other than pipeline quality natural gas. [40 CFR 60_SUBPART GG]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	VOC	VOC: Emission points AA-001 and AA-002 are subject to and shall comply with New Source Performance Standards (NSPS), 40 CFR 60, Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 and Subpart A - General Provisions. [40 CFR 60_SUBPART Ka]
M-2	VOC	VOC: Emission Point AA-003 is affected by and shall comply with New Source Performance Standards (NSPS), 40 CFR 60, Subpart Kb - Standards of Performance for Storage Vessels for Volatile Organic Liquid Storage Vessels(Including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced after July 23, 1984, and Subpart A - General Provisions. [40 CFR 60_SUBPART Kb]

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AI0000010631 (continued):

Submittal/Action Requirements:

Nitrogen oxides:

Condition No.	Condition
S-1	Nitrogen oxides: For Emission point AA-004, the permittee shall monitor NOx and CO emissions testing biennially. Stack testing for NOx shall be performed in accordance with the requirements specified in EPA Test Method 20 or an approved equivalent. Stack testing for CO emissions shall be performed in accordance with EPA Test Method 10 or an approved equivalent. The NOx and CO testing shall be performed simultaneously. A pretest conference at least thirty days prior to the scheduled test date is needed to ensure all test methods are acceptable to the Office of Pollution Control. Ten days notice should be given so that an observer may be scheduled to witness the test. The permittee shall submit the written reports of all required stack testing results within forty-five days of the date the test is performed. [40 CFR 60_SUBPART GG]
S-2	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. [APC-S-2 II.B(10)]
S-3	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 address any required monitoring specified in the permit. [APC-S-2 II.B(11)]

Narrative Requirements:

Condition No.	Condition
T-1	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]
T-2	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. [APC-S-2 V.A]
T-3	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)]

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Narrative Requirements:

Condition No.	Condition
T-4	General Condition: Any diversion from or bypass of collection and control facilities is prohibited except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [APC-S-1 Section 10]
T-5	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. [APC-S-2 X]
T-6	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-7	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. [APC-S-2 II.C]
T-8	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. [APC-S-2 II.B(15)b]
T-9	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-10	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. [APC-S-2 II.B(15)c]

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Narrative Requirements:

Condition No.	Condition
T-11	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 emissions equipment, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [APC-S-2 II.B(7)]
T-12	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 XVI.B]
T-13	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.D(1)]
T-14	General Condition: This permit is a Federally-approved permit to operate a synthetic minor source as described in Regulation APC-S-2, Section IV.D. [APC-S-2 IV.D]
T-15	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. [APC-S-2 I.D(7)]
T-16	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. [APC-S-2 II.B(15)d]

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Narrative Requirements:

Condition No.	Condition
T-17	<p>General Condition: This permit does not authorize a modification as defined in APC-S-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">(a) routine maintenance, repair, and replacement;(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;(c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;(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;(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(f) any change in ownership of the stationary source" [APC-S-2 I.D(2)]
T-18	<p>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. [APC-S-2 II.B(15)a]</p>
T-19	<p>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. [APC-S-2 IX]</p>
T-20	<p>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. [APC-S-2 II.B(5)]</p>

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Narrative Requirements:

Condition No.	Condition
T-21	<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 [APC-S-2 II.B(10)]</p>
T-22	<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. [APC-S-1 Section 10]</p>

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Narrative Requirements:

Condition No.	Condition
T-23	<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. [APC-S-1 Section 10]</p>
T-24	<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. [APC-S-1 Section 10]</p>
T-25	<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. [APC-S-2 VIII]</p>

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EQPT0000000003 (AA-003) 335,691 Barrel Crude Oil Storage Tank equipped with an External Floating Roof with Double Seal (Tank Ref. No. 325079):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Tank roof and seals	<p>Tank roof and seals: 1. The roof shall be equipped with a closure device between the wall of the storage and the roof edge. The closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal and the upper seal is referred to as the secondary seal. The primary seal shall completely cover the annular space between the edge of the floating roof and the tank wall.</p> <p>2. Except for automatic bleeder vents and rim space vents, each opening in the floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, each opening in the roof is to be equipped with a gasketed cover, seal, or lid that is to be maintained in a closed position at all times except when the device is in actual use. Automatic bleeder vents are to be closed at all times when the roof is floating except when the roof is being floated off or being landed on the roof leg supports. Automatic bleeder vents and rim space vents are to be gasketed. Each emergency roof drain is to be provided with a slotted membrane cover that covers at least 90 percent of the opening. [40 CFR 60_SUBPART Kb.60.112b(a(2))]</p>

Record-Keeping Requirements:

Seal gap areas and widths:

Condition No.	Condition
R-1	<p>Seal gap areas and widths: The permittee shall determine the gap areas and the maximum gap widths, between the primary seal and the wall of the storage vessel and between the secondary seal and the wall of the storage vessel according to the following frequency:</p> <ol style="list-style-type: none">1. Measurements of gaps between the tank wall and the primary seal(seal gaps) shall be performed during the hydrostatic testing of the vessel or within 60 days of the initial fill with VOL and at least once every 5 years thereafter.2. Measurements of gaps between the tank wall and the secondary seal shall be performed within 60 days of the initial fill with VOL and at least once per year thereafter.3. If the tank ceases to store VOL for a period of 1 year or more, subsequent introduction of VOL into the vessel shall be considered an initial fill. [40 CFR 60_SUBPART Kb.60.113b(b)(1))]

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Record-Keeping Requirements:

Seal gap areas and widths:

Condition No.	Condition
R-2	<p>Seal gap areas and widths: Determine gap widths and area in the primary and secondary seals individually by the following procedures:</p> <ol style="list-style-type: none">1. Measure seal gaps, if any, at one or more floating roof levels when the roof is floating off the roof leg supports.2. Measure seal gaps around the entire circumference of the tank in each place where a 1/8 inch uniform probe passes freely between the seal and the wall of the storage vessel and measure the circumferential distance of each such location.3. The total surface area of each gap shall be determined by using various width probes to accurately measure the actual gap from the tank wall to the seal and multiplying each such width by its respective circumferential distance.4. The limit for the primary seal is 10 square inches per foot of diameter and no more than a 1.5 inch gap.5. The limit for the secondary seal is 1 square inch per foot of diameter and no more than a 0.5 inch gap. [40 CFR 60_SUBPART Kb.60.113b(b)(2)]

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EQPT0000000004 (AA-004) Solar Centaur T-4502 Gas Turbine Pump.:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Carbon Monoxide	Carbon Monoxide: Emission Point AA-004 shall be limited to 6.0 lbs/hr and 26.28 tons/year, as determined by EPA method 10. Method 10 shall be performed along with EPA Method 20 testing. [40 CFR 60_SUBPART GG]
M-2	Fuel sulfur content	Fuel sulfur content: For emission point AA-004, the permittee may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in 40 CFR 60.331(u). The permittee shall use either 40 CFR 60.334(h)(3)(i or ii) to demonstrate compliance. [40 CFR 60_SUBPART GG.60.334(h)(3)i or ii]
M-3	Nitrogen oxides	Nitrogen oxides: Emission point AA-004 shall be limited to 128.5 ppmv @ 15% Oxygen on a dry basis and 21.0 lbs/hr and 91.98 tons/year, as determined by EPA Test Method 20, 40 CFR 60, Appendix A. The opacity of the emissions are limited to 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A. All test methods specified above shall be those versions, or their approved equivalents, which are in effect on the issuance date. [40 CFR 60_SUBPART GG]

Submittal/Action Requirements:

Stack emissions:

Condition No.	Condition
S-1	Stack emissions: For emission point AA-004, The permittee shall submit the written reports of all required stack testing results within forty-five(45) days of the date the test is performed. [40 CFR 60_SUBPART GG]

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EQPT0000000005 (AA-005) 2.1 MMBTU/hr natural gas fired standby generator:

Narrative Requirements:

Condition	
No.	Condition
T-1	The permittee is authorized to operate air emissions equipment and emit air contaminants from Emission point AA-005, the 2.1MM BTU/hr natural gas fired standby generator. Opacity at less than 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A. [40 CFR 60]

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GRPT0000000001 (AA-001 and AA-002) 2 325,000 Barrel Crude Oil Storage Tanks:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Tank roof and seals	<p>Tank roof and seals: 1. Each opening in the roof except for automatic bleeder vents and rim space vents is to provide a projection below the liquid surface. Each opening in the roof except for automatic bleeder vents, rim space vents and leg sleeves is to be equipped with a cover, seal 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 acutal use or as described in paragraph 2 below. Automatic bleeder vents are to be closed at all times when the roof is being floated off or is being landed on the roof leg supports or at the manufacturer's recommended setting.</p> <p>2. Each emergency drain is to be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening.</p>

. [40 CFR 60_SUBPART Ka.60.112a(1)]

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GRPT0000000001 (continued):

Record-Keeping Requirements:

Primary seal gap measurements:

Condition No.	Condition
R-1	<p>Primary seal gap measurements: The tanks will have two seals designated as the primary and secondary seals. The lower seal is referred to as the primary seal and the upper seal is referred to as the secondary seal. The roof is to be floating on the liquid at all times (i.e. off the leg supports) except when the tank is completely emptied. The process of emptying and refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. The storage vessel shall meet the following requirements:</p> <p>a. The primary seal is to be either a metallic shoe seal, a liquid-mounted seal, or a vapor-mounted seal. Each seal is to meet the following requirements:</p> <ol style="list-style-type: none">1. The accumulated area of gaps between the tank wall and the metallic shoe seal or the liquid-mounted seal shall not exceed 10 square inches per foot of tank diameter and the width of any portion of any gap won't exceed 0.5 inches.2. The accumulated area of gaps between the tank wall and the vapor-mounted seal shall not exceed 1 square inch per foot of tank diameter and the width of any portion of any gap shall not exceed 0.5 inch.3. One end of the metallic shoe is to extend into the stored liquid and the other end is to extend a minimum vertical distance of 24 inches above the stored liquid surface.4. There are to be no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. <p>. [40 CFR 60_SUBPART Ka.60.112a]</p>

Seal gap areas and widths:

Condition No.	Condition
R-2	<p>Seal gap areas and widths: The secondary seal is to meet the following requirements:</p> <ol style="list-style-type: none">1. The secondary seal is to be installed above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in item 2 immediately below.2. The accumulated area of gaps between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal shall not exceed 1 square inch per foot of tank diameter and the width of any portion of any gap shall not exceed 0.5 inches. There shall be no gaps between the tank wall and the secondary seal used in combination with a vapor-mounted primary seal.3. There are to be no holes, tears or other openings in the seal or seal fabric.4. The owner or operator is exempted from the requirements for secondary seals and the secondary seal gap criteria when performing gap measurements or inspections of the primary seal. <p>. [40 CFR 60_SUBPART Ka.60.112a]</p>

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GRPT0000000001 (continued):

Submittal/Action Requirements:

Gap measurements:

Condition No.	Condition
S-1	<p>Gap measurements: The permittee shall meet the following requirements:</p> <ol style="list-style-type: none">1. For primary seals, gap measurements shall be performed at initial fill and at least once every five years following initial fill. All primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal shall be accomplished as rapidly as possible and the secondary seal shall be replaced as soon as possible.2. For secondary seals, gap measurements shall be performed at initial fill and at least once per year following initial fill.3. If any storage vessel is out of service for a period of one year or more, subsequent refilling with petroleum liquid shall be considered initial fill for the purposes of items 1 and 2 above.4. Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. The record shall identify the vessel, date, and the raw data obtained in the measurement process. <p>SUBMITTAL If the gap surface area or the measured maximum seal gap exceeds the limitations specified in this permit, a report shall be submitted to the Administrator within 60 days of measurement date. The report shall identify the vessel and describe the action necessary to bring the vessel into compliance with the specification of this permit.</p> <ol style="list-style-type: none">5. Provide the Executive Director with 30 days notice of prior to filling, refilling, or taking gap measurements to afford the Executive Director the opportunity to have an observer present. [40 CFR 60_SUBPART Ka.60.113a]

GENERAL INFORMATION

Valero MKS Logistics LLC, Collierville Terminal
772 Wingo Road
Byhalia, MS
Marshall County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
10631	Valero MKS Logistics, L.L.C.	Official Site Name	2/19/2008	
2809300001	Premcor Refining Group Inc	Air-AIRS AFS (MDEQ USE ONLY)	10/12/2000	2/28/2003
178000001	Mid America Pipeline Company	Air-Construction	11/26/1991	
178000001	Mid America Pipeline Company	Air-State Operating	11/26/1991	12/1/1996
178000001	Mid America Pipeline Company	Air-State Operating	6/17/1996	
MS0047431	Mid America Pipeline Company	Water - NPDES	4/2/1997	3/26/2002
MS0047431	Mid America Pipeline Company	Water - NPDES	4/14/1992	4/13/1997
MSR000100701	Williams Collierville Terminal	Hazardous Waste-EPA ID	5/4/2001	4/12/2002
10631	Mid America Pipeline Company	Historic Site Name	11/14/1983	2/28/2003
MS0047431	Premcor Refining Group, Inc.	Water - NPDES	4/17/2003	3/6/2008
2809300001	Premcor Refining Group Inc	Air-AIRS AFS	2/28/2003	
MSR000100701	Premcor Refining Group Inc.	Hazardous Waste-EPA ID	10/23/2003	3/1/2008
178000001	The Premcor Refining Group Inc	Air-Synthetic Minor Operating	12/6/2004	3/6/2008
MSG130112	Premcor Refining Group Inc	GP-Hydrostatic Testing	2/4/2005	2/22/2007
MSR000100701	Mid America Pipeline Company	Hazardous Waste-EPA ID	4/12/2002	10/23/2003
10631	Premcor Refining Group, Inc.	Historic Site Name	2/28/2003	2/19/2008
MS0047431	Valero MKS Logistics LLC, Collierville Terminal	Water - NPDES	3/6/2008	3/31/2008
178000001	Valero MKS Logistics LLC, Collierville Terminal	Air-Synthetic Minor Operating	3/6/2008	11/30/2009
MSR000100701	Valero Refining Company - Tennessee, LLC	Hazardous Waste-EPA ID	3/1/2008	
MS0047431	Valero MKS Logistics LLC, Collierville Terminal	Water - NPDES	5/15/2008	4/30/2013
178000001	Valero MKS Logistics LLC, Collierville Terminal	Air-Synthetic Minor Operating	10/19/2010	9/30/2015

Basin: Yazoo River Basin

*** Official MDEQ Permit - Version 1.1 ***

GENERAL INFORMATION

Latitude: 34° 58' 38"

Longitude: 89° 38' 37"

Location Description: Main Entrance from Wingo Road