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### **APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT**

## SECTION 1. GENERAL CONDITIONS

- 1.1 The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(a).)
- 1.2 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.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(b).)
- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(c).)
- 1.4 Prior to its expiration, this permit may be reopened in accordance with the provisions listed below.
- (a) This permit shall be reopened and revised under any of the following circumstances:
- (1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.
  - (2) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
  - (3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit.
  - (4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to

be reopened, except that the Permit Board may provide a shorter time period in the case of an emergency.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.G.)

- 1.5 The permittee shall furnish to the DEQ within a reasonable time any information the DEQ 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 the DEQ copies of records required to be kept by the permittee or, for information to be confidential, the permittee shall furnish such records to DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(e).)

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

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(d).)

- 1.7 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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(5).)

- 1.8 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.

- (a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or emission data which supports the estimates of maximum actual emission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)

- (b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted allowable emissions until such time as an adequate determination of actual emissions

is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)

- (c) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D(2).)

- (d) The fee shall be due September 1 of each year. By July 1 of each year, the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments must be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D.)

- (e) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of the hearing petition.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.C.)

- 1.9 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(8).)

- 1.10 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.2.E.)

- 1.11 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:

- (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;



- (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(2).)

- 1.12 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(1).)

- 1.13 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(2).)

- 1.14 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(1).)

- 1.15 Nothing in this permit shall alter or affect the following:

- (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
- (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.
- (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(2).)

- 1.16 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.H.)

- 1.17 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application.

This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.C(2), R. 6.4.B., and R. 6.2.A(1)(c).)

- 1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (ref: Section 502(b)(10) of the Act) if:

- (a) the changes are not modifications under any provision of Title I of the Act;
- (b) the changes do not exceed the emissions allowable under this permit;
- (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
  - (1) a brief description of the change(s),
  - (2) the date on which the change will occur,
  - (3) any change in emissions, and
  - (4) any permit term or condition that is no longer applicable as a result of the change;
- (d) the permit shield shall not apply to any Section 502(b)(10) change.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.F(1).)

- 1.19 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 or, in the absence of an approved schedule, with the appropriate requirements specified in 11 Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 3.)

- 1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment," and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act." Modification is defined as [a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the 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:

- (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:
  - (1) 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, Subpart I, or 40 CFR 51.166; or
  - (2) the source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, or 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 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
- (f) any change in ownership of the stationary source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.C(15).)

- 1.21 Any change in ownership or operational control must be approved by the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.D(4).)

- 1.22 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.B(1).)

- 1.23 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.

- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.



- (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
- (c) Burning must not occur within 500 yards of commercial airport property, private airfields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.G.)

1.24 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies:

- (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.
- (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.
- (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
  - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
  - (2) the permitted facility was at the time being properly operated;
  - (3) 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
  - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.G.)

1.25 Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, and shutdowns.

- (a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
  - (1) For an upset, the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through properly signed contemporaneous operating logs or other relevant evidence the following:
    - (i) An upset occurred and that the source can identify the cause(s) of the upset;
    - (ii) The source was at the time being properly operated;
    - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
    - (iv) That within 5 working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;
    - (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.
  - (2) In any enforcement proceeding by the Commission, the source seeking to establish the occurrence of an upset has the burden of proof.
  - (3) This provision is in addition to any upset provision contained in any applicable requirement.
  - (4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.
- (b) Startups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
  - (1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.
  - (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).

- (3) Where an upset as defined in Rule 1.2 occurs during startup or shutdown, see the upset requirements above.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

- 1.26 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M, as adopted by reference in Regulation 11 Miss Admin. Code Pt. 2, R. 1.8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.8.)

## SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	14 MMBTU/hr Natural Gas-Fired Fire Tube Asphalt Heater
AA-003	5 MMBTU/hr Natural Gas-Fired Fire Tube Asphalt Heater
AA-004	Process Equipment Leaks
AA-005	Fuel Loading/Unloading Operation
AA-007	200 hp Natural Gas-Fired Emergency Loading Pump (a spark-ignition engine constructed prior to 2006)
AA-008	2.1 MMBTU/hr Natural Gas-Fired PMA Heater
AB-001	2,394,000-gallon Asphalt (heated), Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V060000)
AB-002	2,394,000-gallon Asphalt (heated), Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V060001)
AB-003	3,276,000-gallon Asphalt, Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V080000)
AB-004	945,000-gallon Light/Middle Distillates, Ethanol, and Gas Oils Internal Floating Roof Storage Tank (Plant Reference V025014)
AB-005	903,000-gallon Light/Middle Distillates, Ethanol, and Gas Oils Internal Floating Roof Storage Tank (Plant Reference V023011)
AB-006	357,000-gallon Light/Middle Distillates, Ethanol, and Gas Oils Internal Floating Roof Storage Tank (Plant Reference V010012)
AB-008	336,000-gallon Light/Middle Distillates, Ethanol, and Gas Oils Internal Floating Roof Storage Tank (Plant Reference V009004)
AB-009	88,200-gallon Asphalt (heated), Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V002583)
AB-012	588,000-gallon Asphalt, Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V015001)
AB-013	1,176,000-gallon Asphalt, Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V032031)
AB-014	1,050,000-gallon Asphalt, Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V027010)
AB-015	861,000-gallon Asphalt, Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V022002)
AB-016	336,000-gallon Asphalt, Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V009003)
AB-017	378,000-gallon Asphalt, Middle Distillates, and Gas Oils Vertical Fixed Roof Storage Tank (Plant Reference V010007)

### SECTION 3. EMISSION LIMITATIONS & STANDARDS

#### A. Facility-Wide Emission Limitations & Standards

3.A.1 Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) & (b).

- (a) Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.
- (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.A.)

3.A.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Condition 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.B.)

3.A.3 For the entire facility, the permittee shall not cause, permit, or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.

- (a) The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow unnecessary amounts of particulate matter to become airborne.
- (b) When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance to property other than that from which it originated or to violate any other provision of 11 Miss. Admin. Code Pt. 2, Ch. 1, the Commission may order such corrected in a way that all air and gases or air and gasborne material leaving the building or equipment are controlled or removed prior to discharge to the open air.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.C.)

#### B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
Facility Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the	3.B.1	VOC	≤ 249.0 tons per year (tpy)

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
	Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012	3.B.2	HAP	$\leq 24.0$ tpy for total HAP, $\leq 9.0$ tpy for individual HAP
	40 CFR 63, Subpart BBBBBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities)	3.B.3		Applicability
	40 CFR 63.11081(a), Subpart BBBBBBB			
	40 CFR 63.11086(a), Subpart BBBBBBB	3.B.4		Use submerged filling
	40 CFR 63.11086(b), Subpart BBBBBBB	3.B.5		Tank Exemption
	40 CFR 63.11086(d), Subpart BBBBBBB	3.B.6		Minimize Releases
AA-001	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.B.7	PM	$E = 0.8808 \times I^{0.1667}$
AA-001 AA-003 AA-008	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.B.8	SO <sub>2</sub>	$\leq 4.8$ lb/MMBTU
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012	3.B.9	Fuel	Natural Gas Only
AB-001 AB-002 AB-003 AB-012 AB-016 AB-017	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)	3.B.10	VOC	Applicability
AB-001 AB-002 AB-003 AB-009 AB-012 AB-013 AB-014 AB-015 AB-016 AB-017	40 CFR 60.110a, Subpart Ka			
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012	3.B.11		Maximum True Vapor pressure shall not exceed 0.5 psia
AA-003 AA-007 AA-008	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.B.12	PM	$\leq 0.6$ lb/MMBTU/hr
AB-004 AB-005 AB-006	40 CFR 60, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid	3.B.13	VOC	Applicability



Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AB-008	Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984) 40 CFR 60.110b, Subpart Kb			
	40 CFR 60.112b(a)(1), Subpart Kb	3.B.14		Equip each storage vessel (tank) with a fixed roof in combination with an internal floating roof meeting the requirements of 40 CFR 60.112b(a)(1)(i)—(ix)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012	3.B.15		Maximum True Vapor pressure shall not exceed 11.1 psia
AA-007	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines) 40 CFR 63.6580, Subpart ZZZZ	3.B.16	HAP	Applicability
	40 CFR 63.6605(b) and 63.6625(e)(3), Subpart ZZZZ	3.B.17	Maintenance Requirements	Good Combustion Practices
	40 CFR 63.6625(f), Subpart ZZZZ	3.B.18	Hours of Operation	Install a non-resettable hour meter
	40 CFR 63.6640(f), Subpart ZZZZ	3.B.19	HAP	Emergency Requirements

3.B.1 For the entire facility, the permittee shall not emit more than 249.0 tons per year (tpy) of volatile organic compound (VOC) as determined for each consecutive 12-month period on a rolling monthly basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012)

3.B.2 For the entire facility, the permittee shall not emit more than 24.0 tons per year (tpy) of total combined hazardous air pollutants (HAPs) and no more than 9.0 tons per year (tpy) of any single hazardous air pollutant (HAP) as determined for each consecutive 12-month period on a rolling monthly basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012)

3.B.3 For the entire facility, the permittee is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities (40 CFR 63, Subpart BBBBBB) and the General Provisions (40 CFR 63, Subpart A). The facility is considered a bulk gasoline plant as defined in 40 CFR 63.11100 and as such must meet all applicable requirements.

(Ref.: 40 CFR 63.11081(a), Subpart BBBBBB)

- 3.B.4 For the entire facility, the permittee shall only load gasoline into storage tanks and cargo tanks by utilizing submerged filling, as defined in 40 CFR 63.11100, and as specified below. The applicable distances shall be measured from the point in the opening of the submerged fill pipe that is the greatest distance from the bottom of the storage tank.
- (a) Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the tank.
  - (b) Submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the tank.
  - (c) Submerged fill pipes not meeting the specifications in (a) or (b) are allowed if the permittee can demonstrate that the liquid level in the gasoline storage tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection by MDEQ during the course of the site visit.

(Ref.: 40 CFR 63.11086(a), Subpart BBBBBB)

- 3.B.5 For the entire facility, the permittee shall comply with Condition 3.B.6 for all gasoline storage tanks with a capacity of less than 250 gallons and are exempt from the control requirements in Condition 3.B.4.

(Ref.: 40 CFR 63.11086(b), Subpart BBBBBB)

- 3.B.6 For the entire facility, the permittee shall not allow gasoline to be handled in a manner that would result in vapor release to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:

- (a) Minimize gasoline spills;
- (b) Clean up spills as expeditiously as practicable;
- (c) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
- (d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

(Ref.: 40 CFR 63.11086(d), Subpart BBBBBB)

- 3.B.7 For Emission Point AA-001, the permittee shall not exceed the maximum permissible emission rate of ash and/or particulate matter from fossil fuel burning installations as determined by the relationship

$$E = 0.8808 \times I^{0.1667}$$

where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).)

- 3.B.8 For Emission Points AA-001, AA-003, and AA-008, the permittee shall not exceed the maximum discharge rate of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer of 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).)

- 3.B.9 For Emission Points AA-001, AA-003, and AA-008, the permittee shall not combust any fuel other than natural gas.

(Ref.: Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012)

- 3.B.10 For Emission Points AB-001, AB-002, AB-003, AB-012, AB-016, and AB-017, the permittee is subject to and shall comply with the Standards of Performance specified in 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 40 CFR 60, Subpart A (General Provisions).

(Ref.: 40 CFR 60.110a, Subpart Ka)

- 3.B.11 For Emission Points AB-001, AB-002, AB-003, AB-009, AB-012, AB-013, AB-014, AB-015, AB-016, and AB-017, the permittee shall not store any liquid with a true vapor pressure greater than 0.5 psia.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012)

- 3.B.12 For Emission Point AA-003, AA-007, and AA-008, the permittee shall not exceed the maximum permissible emission rate of ash and/or particulate matter from fossil fuel burning installations of 0.6 pounds per million BTU per hour heat input.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).)

- 3.B.13 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee is subject to and shall comply with the Standards of Performance specified in 40 CFR 60, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels), for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984) and the 40 CFR 60, Subpart A (General Provisions).

(Ref.: 40 CFR 60.112b, Subpart Kb)

- 3.B.14 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall install a fixed roof in combination with an internal floating roof meeting the specifications in 40 CFR 60.112b(a)(1).

(Ref.: 40 CFR 60.112b(a)(1), Subpart Kb)

- 3.B.15 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall not store any liquid with a true vapor pressure greater than 11.1 psia.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012)

- 3.B.16 For Emission Point AA-007, the permittee is subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants specified in 40 CFR 63, Subpart ZZZZ (Reciprocating Internal Combustion Engines), and in 40 CFR 63, Subpart A (General Provisions).

(Ref.: 40 CFR 63.6585, Subpart ZZZZ)

3.B.17 For Emission Point AA-007, the permittee shall, at all times, operate and maintain the source, including associated air pollution control and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The engine shall be operated and maintained in accordance with the manufacturer's emission-related written instructions or in accordance with a maintenance plan developed by the permittee that provides to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practices for minimizing emission. (Ref.: 40 CFR 63.6605(b) and 63.6625(e)(3), Subpart ZZZZ)

3.B.18 For Emission Point AA-007, the permittee shall install a non-resettable hour meter if one is not already installed.

(Ref.: 40 CFR 63.6625(f), Subpart ZZZZ)

3.B.19 For Emission Point AA-007, the permittee shall operate the emergency stationary RICE according to the requirements below. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year is prohibited. If the permittee does not operate the engine according to the requirements below, the engine will not be considered an emergency engine and will need to meet all requirements for non-emergency engines.

- (a) There is no time limit on the use of emergency stationary RICE in emergency situations.
- (b) The permittee may operate the emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The permittee may petition the MDEQ for approval of additional hours for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicated that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours a year.
- (c) The permittee may operate the emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The engine may not be operated for more than 30 minutes prior to the time with the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent.

(Ref.: 40 CFR 63.6640(f), Subpart ZZZZ)

C. Insignificant and Trivial Activity Emission Limitations & Standards

Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.C.1	PM	0.6 lbs/MMBTU

Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.C.2	SO <sub>2</sub>	4.8 lbs/MMBTU

3.C.1 The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).)

3.C.2 The maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).)

#### D. Work Practice Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AA-007	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines) 40 CFR 63.6603(a), 63.6625(h) and (j) and Table 2d, Subpart ZZZZ	3.D.1	Maintenance Requirements	Change oil and filter every 500 hours of operation or annually; inspect air cleaner every 1,000 hours of operation or annually; and inspect all hoses and belts every 500 hours of operation or annually

3.D.1 For Emission Point AA-007, the permittee shall comply with the maintenance requirements contained in (a) through (c) except during periods of startup. During periods of startup, the permittee shall minimize the time spent at idle and minimize each engine's startup time to a period needed for appropriate and safe loading of each engine, not to exceed 30 minutes, after which time the non-startup emission limitations shall apply.

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The permittee may elect to utilize an oil analysis program as described in 63.6625(j) in order to extend the specified oil change requirement. If an engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the above schedule, or if performing the management practice on this schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until such time the emergency is over or the unacceptable risk has abated. If delayed, the management practices should be completed as soon as practicable after the reason for the delay has ended.

(Ref.: 40 CFR 63.6603(a), 63.6625(h) and (j), and Table 2d, Subpart ZZZZ)



## SECTION 4. COMPLIANCE SCHEDULE

- 4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. If the permit was reissued or modified during the course of the preceding calendar year, the compliance certification shall address each version of the permit. Each compliance certification shall include the following:
- (a) the identification of each term or condition of the permit that is the basis of the certification;
  - (b) the compliance status;
  - (c) whether compliance was continuous or intermittent;
  - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
  - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(5)(a), (c), & (d).)

## SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

### A. General Monitoring, Recordkeeping and Reporting Requirements

5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.A.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:

- (a) the date, place as defined in the permit, and time of sampling or measurements;
- (b) the date(s) analyses were performed;
- (c) the company or entity that performed the analyses;
- (d) the analytical techniques or methods used;
- (e) the results of such analyses; and
- (f) the operating conditions existing at the time of sampling or measurement.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)

5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information 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 for continuous monitoring instrumentation, and copies of all reports required by the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)

5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 6.2.E. For applicable periodic reporting requirements in 40 CFR Parts 60, 61, and 63, the permittee shall comply with the deadlines in this condition for reporting conducted on a semiannual basis. Additionally, any required quarterly reports shall be submitted by the end of the month following each calendar quarter (i.e., April 30th, July 31st, October 31st, and January 31st), and any required annual reports shall be submitted by January 31st following each calendar year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1)., 40 CFR 60.19(c), 61.10(g), and 63.10(a)(5))

5.A.5 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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(2).)

- 5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

- 5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

- 5.A.8 Unless otherwise specified in Section 4, upon permit issuance, the monitoring, testing, recordkeeping, and reporting requirements of Section 5 herein supersede the requirements of any preceding permit to construct and/or operate.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

**B. Specific Monitoring and Recordkeeping Requirements**

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
Facility Wide	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.1	VOC HAP	Compliance Demonstration
	40 CFR 63, Subpart BBBBBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities)	5.B.2	HAP	Recordkeeping
	40 CFR 63.11094(d), Subpart BBBBBBB			
	40 CFR 63.11094(e), Subpart BBBBBBB	5.B.3	Equipment Leaks	Monitoring and recordkeeping
	40 CFR 63.11086(c), Subpart BBBBBBB	5.B.4		
AB-001 AB-002 AB-003 AB-012 AB-016 AB-017	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)  40 CFR 60., Subpart Ka	5.B.5	Petroleum Liquid	Records of petroleum liquid stored, the period of storage, and maximum true vapor pressure
AB-001 AB-002 AB-003 AB-004 AB-005 AB-006	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.6	VOC	Records of Contents, Maximum True Vapor Pressure, and Throughput

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AB-008 AB-009 AB-012 AB-013 AB-014 AB-015 AB-016 AB-017				
AB-004 AB-005 AB-006 AB-008	40 CFR 60, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984)	5.B.7		Inspect Internal Floating Roof and Recordkeeping
	40 CFR 60.113b(a) and 60.115b(a), 60.115b(2), and 60.116b(a), Subpart Kb			
	40 CFR 60.116b(a)(1) and (4), Subpart Kb	5.B.8		Recordkeeping
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.9		Records of Tank Roof Landings
AA-005	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.B.10		Records of type and amount of product loaded each month by barge and truck
AA-007	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines)  40 CFR 63.6655(a), Subpart ZZZZ	5.B.11	HAP	Recordkeeping

- 5.B.1 For the entire facility, using emission factors approved in the application or subsequent factors based on actual data obtained from the facility, the permittee shall use the results of the monitoring and recordkeeping required herein to calculate the facility-wide VOC, individual HAP, and total HAP emissions monthly and for each consecutive 12-month period on a rolling basis. These records shall be kept in accordance with Condition 5.A.3. (Ref: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)
- 5.B.2 For the entire facility, the permittee shall prepare and maintain records describing the types, identification numbers, and locations of all equipment in gasoline service.  
(Ref.: 40 CFR 63.11094(d), Subpart BBBBBB)
- 5.B.3 For the entire facility, the permittee shall record the following information in a log book for each leak that is detected:
- (a) The equipment type and identification number.

- (b) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound or smell).
- (c) The date the leak was detected and the date of each attempt to repair the leak.
- (d) Repair methods applied in each attempt to repair the leak.
- (e) “Repair delayed” and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.
- (f) The expected date of successful repair of the leak if the leak is not repaired within 15 days.
- (g) The date of successful repair of the leak.

(Ref.: 40 CFR 63.11094(e), Subpart BBBBBB)

5.B.4 For the entire facility, the permittee shall perform a monthly leak inspection of all equipment in gasoline service according to the requirements specified in paragraphs (a) through (d):

- (a) Perform a monthly leak inspection of all equipment in gasoline service as defined by 40 CFR 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.
- (b) A log book shall be used and signed by the permittee at the completion of each inspection. A section of the log books shall contain a list, summary, description, or diagram showing the location of all equipment in gasoline service at the facility.
- (c) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial repair attempt shall be made as soon as practicable, but no later than five (5) days after the leak is detected.
- (d) Repair or replacement of leaking equipment shall be completed within 15 days after detection of each leak. Delay or repair of leaking equipment is allowed if the leak is not feasible within 15 days.

(Ref.: 40 CFR 63.11086(c) and 63.11089, Subpart BBBBBB)

5.B.5 For Emission Points AB-001, AB-002, AB-003, AB-012, AB-016, and AB-017, the permittee shall maintain a record of the petroleum liquid stored, periods of storage, and maximum true vapor pressure of that liquid during the respective storage period in accordance with the methods specified in 40 CFR 60.115a.

(Ref.: 40 CFR 60.115a(a), Subpart Ka)

5.B.6 For Emission Points AB-001, AB-002, AB-003, AB-004, AB-005, AB-006, AB-008, AB-009, AB-012, AB-013, AB-014, AB-015, AB-016, and AB-017, the permittee shall record the contents of the tank, the maximum true vapor pressure of each liquid stored in the tank, and the throughput of each liquid on a monthly basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.B.7 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with Volatile Organic Liquids (VOL's). 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 permittee shall repair the items before filling the storage vessel. Each time the storage vessel is emptied and degassed, the permittee shall inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), gaskets slotted membranes and sleeve seals (if any). If the internal floating roof has defects, the primary or 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% open area, the permittee shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. The permittee is required to keep a record of each inspection performed. 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). These records shall be kept for at least two years.

(Ref.: 40 CFR 60.113b(a)(1) and (4), 60.115b(2), and 60.116b(a), Subpart Kb)

- 5.B.8 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall for the life of each storage vessel, keep readily accessible records showing the dimensions of each storage vessel and an analysis showing the capacity of each storage vessel.

(Ref.: 40 CFR 60.116b(a) and (b), Subpart Kb)

- 5.B.9 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall maintain records of tank roof landings including the duration of the landing and calculated emission from each landing.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

- 5.B.10 For Emission Point AA-005, the permittee shall maintain records of the type and amount of product loaded each month by barge and tank. These records shall be kept in accordance with Condition 5.A.3.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

- 5.B.11 For Emission Point AA-007, the permittee shall keep the following records:

- (a) A copy of each notification and report that the permittee submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).
- (b) Records of the occurrence and the duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- (c) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).
- (d) Records of all maintenance performed on the air pollution control and monitoring equipment.
- (e) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore



malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

- (f) Records of the maintenance conducted on the stationary RICE in order to demonstrate that it operated and maintained the stationary RICE and after-treatment control device (if any) according to the permittee's maintenance plan.
- (g) The permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the permittee must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

(Ref.: 40 CFR 63.6655(a), (d), (e), and (f), Subpart ZZZZ)

### C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
Facility Wide	Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012	5.C.1	VOC HAP	Semiannual Reporting
	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 63.11086(i) and 63.11095(c), Subpart BBBBBB	5.C.2	HAP	Semiannual Excess Emission Report
AB-004 AB-005 AB-006 AB-008	40 CFR 60, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984) 40 CFR 60.115b(a)(3) and (4), Subpart Kb	5.C.3	VOC	Tank Inspection
	40 CFR 60.113b(a)(5), Subpart Kb	5.C.4		Filling and Refilling Notification
AA-007	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).	5.C.5	HAP	Report hours of operation
	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous	5.C.6		Deviations reporting

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
	<p>Air Pollutants for Reciprocating Internal Combustion Engines)</p> <p>40 CFR 63.6640(b), 63.6650(a) through (d), and Footnote 2 to Table 2d, Subpart ZZZZ</p> <p>11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).</p>			

5.C.1 For the entire facility, the permittee shall submit semiannual reports of the calculations to demonstrate compliance with Condition 5.B.1 in accordance with Condition 5.A.4.

(Ref.: Federally Enforceable Construction Permit issued October 1, 2008, and modified January 9, 2012)

5.C.2 For the entire facility, the permittee shall submit a semiannual excess emissions report in accordance with Condition 5.A.4, including information specified in 40 CFR 63.11095(a)(3) and (b)(5), only for the 6-month period during which an excess emission event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required.

(Ref.: 40 CFR 63.11086(i) and 63.11095(c), Subpart BBBBBB)

5.C.3 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall notify the MDEQ in writing at least 30 days prior to the filling or refilling to afford the MDEQ the opportunity to have an observer present. If the inspection required by Condition 5.B.7 is not planned and the permittee could not have known about the inspection 30 days in advance, the permittee shall notify the MDEQ at least seven (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 MDEQ at least seven (7) days prior to the refilling.

(Ref.: 40 CFR 60.113b(a)(5), Subpart Kb)

5.C.4 For Emission Points AB-004, AB-005, AB-006, and AB-008, the permittee shall submit the following reports:

- (a) If any of the conditions described in Condition 5.B.7 are detected during the annual visual inspection required by Condition 5.B.7, a report shall be submitted 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.
- (b) After each inspection required by Condition 5.B.7 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 Condition 5.B.7, a report shall be submitted within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of Condition 3.B.14 or Condition 5.B.7 and list each repair made.

(Ref.: 40 CFR 60.115b(a)(3) and (4), Subpart Kb)

- 5.C.5 For Emission Point AA-07, the permittee shall report the hours of operation of the engine that is recorded through the non-resettable hour meter in accordance with Condition 5.A.4. The report shall contain how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

- 5.C.6 For Emission Point AA-07, the permittee shall report in accordance with Condition 5.A.4 each instance in which the work practices listed in Section 3.B and 3.D were not met. These deviations shall be reported according to the following requirements:

- (a) If there were no deviations from any applicable emission limitations or operating limitations, a statement shall be included that there were no deviations from the emission limitations or operating limitations during the reporting period; or
- (b) If there was a deviation from any emission limitation or operating limitation during the reporting period, then the compliance report shall contain the following information:
  - (1) Company name and address.
  - (2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
  - (3) Date of report and beginning and ending dates of the reporting period.
  - (4) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.
  - (5) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.
- (c) If there was a malfunction during the reporting period, the compliance report shall include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report shall also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with Condition 3.B.17, including actions taken to correct a malfunction.
- (d) If the management practices were not performed on the required schedule because it posed an unacceptable risk under Federal, State, or local law at the time of the required scheduled maintenance, the report shall include the Federal, State, or local law under which the risk was deemed unacceptable.

(Ref.: 40 CFR 63.6640(b), 63.6650(a) through (d), and Footnote 2 to Table 2d, Subpart ZZZZ and 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).))

## SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

## SECTION 7. TITLE VI REQUIREMENTS

The following are applicable or potentially applicable requirements originating from Title VI of the Clean Air Act – Stratospheric Ozone Protection. The full text of the referenced regulations may be found on-line at <http://www.ecfr.gov/> under Title 40, or DEQ shall provide a copy upon request from the permittee.

- 7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.
- 7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
- 7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:
  - (a) All containers in which a class I or class II substance is stored or transported;
  - (b) All products containing a class I substance; and
  - (c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.
- 7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:
  - (a) Servicing, maintaining, or repairing appliances containing class I, class II or non-exempt substitute refrigerants;
  - (b) Disposing of appliances, including small appliances and motor vehicle air conditioners; or
  - (c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, as well as persons selling, offering for sale, and/or purchasing class I, class II, or non-exempt substitute refrigerants.
- 7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.

- 7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:
- (a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;
  - (b) Any person disposing of halons;
  - (c) Manufacturers of halon blends; or
  - (d) Organizations that employ technicians who service halon-containing equipment.

## APPENDIX A

### List of Abbreviations Used In this Permit

BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lb/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61, or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63
NM VOC	Non-Methane Volatile Organic Compounds
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter less than 10 µm in diameter
PM <sub>2.5</sub>	Particulate Matter less than 2.5 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SO <sub>2</sub>	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOHAP	Volatile Organic Hazardous Air Pollutant
VOC	Volatile Organic Compound