

**STATE OF MISSISSIPPI
AND FEDERALLY ENFORCEABLE
AIR POLLUTION CONTROL
PERMIT**

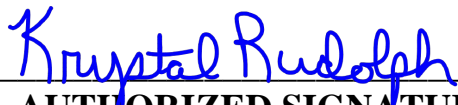
**TO OPERATE AIR EMISSIONS EQUIPMENT AT A
SYNTHETIC MINOR SOURCE**

THIS CERTIFIES THAT

Scott Petroleum Corporation, Greenville Facility
942 North Broadway Street
Greenville, Mississippi
Washington County

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

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: July 8, 2020

Permit No.: 2800-00136

Effective Date: As specified herein.

Expires: June 30, 2025

SECTION 1.

A. GENERAL CONDITIONS

1. This permit is for air pollution control purposes only. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
2. This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.4.D.)
3. Any activities not identified in the application are not authorized by this permit. (Ref.: Miss. Code Ann. 49-17-29 1.b)
4. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
5. The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
6. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)
7. 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. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)
8. 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.

(Ref.: Miss. Code Ann. 49-17-21)

9. 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. (Ref.: Miss. Code Ann. 49-17-39)
10. Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
11. 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. 2.1.D(7).)
12. This permit does not authorize a modification as defined in Regulation 11 Miss. Admin. Code Pt. 2, Ch.2., "Permit Regulations for the Construction and/or Operation of Air Emission Equipment." A modification may require a Permit to Construct and a modification of this permit. Modification is defined as "Any 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 51.166; or
 - (2) The source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40CFR 51.66;

- 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).)

B. GENERAL OPERATIONAL CONDITIONS

- 1. 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 Regulation, 11 Miss. Admin. Code Pt. 2, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.10.)
- 2. Any diversion from or bypass of collection and control facilities is prohibited, except as provided for in 11 Miss. Admin. Code Pt. 2, R. 1.10., "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants." (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)
- 3. 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. (Ref.: Miss. Code Ann. 49-17-29 1.a(i and ii))
- 4. Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, and shutdowns.

a. Upsets

- (1) For an upset defined in 11 Miss. Admin. Code Pt. 2, R. 1.2., 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 by 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.)

5. Compliance Testing: Regarding compliance testing:
 - a. The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.
 - b. Compliance testing will be performed at the expense of the permittee.
 - c. Each emission sampling and analysis report shall include but not be limited to the following:
 - (1) Detailed description of testing procedures;
 - (2) Sample calculation(s);
 - (3) Results; and
 - (4) Comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(3), (4), and (6).)

C. PERMIT RENEWAL / MODIFICATION / TRANSFER / TERMINATION

1. 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. If the applicant submits a timely and complete application pursuant to this paragraph and the Permit Board, through no fault of the applicant, fails to act on the application on or before the expiration date of the existing permit, the applicant shall continue to operate the stationary source under the terms and conditions of the expired permit, which shall remain in effect until final action on the application is taken by the Permit Board. Permit expiration terminates the source's ability to operate unless a timely and complete renewal application has been submitted. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.8.)
2. 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 permit or, for information claimed to be confidential, the permittee shall furnish such records to the 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. 2.2.B(15)(d).)
3. The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a 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 permit condition. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(b).)

4. 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. Persistent 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 federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.C.)

5. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B.)

**SECTION 2
EMISSION POINT DESCRIPTION**

The permittee is authorized to operate air emissions equipment, as described in the following table.

Emission Point	Description
AA-001	6.124 MMBTU/hr Natural Gas-Fired Boiler
AA-002	16.0 MMBTU/hr Natural Gas-Fired Thermal Fluid Burner
AA-003	900 hp (600 kw) Diesel-Fired Emergency Generator (2007 Model Year Compression Ignition Internal Combustion Engine)
AB-002	34,400 Gallon Fixed Roof B100 Biodiesel Fuel Storage Tank, Ref. 504A
AB-003	34,400 Gallon Fixed Roof B100 Biodiesel Fuel Storage Tank, Ref. 504B
AB-004	34,400 Gallon Fixed Roof B100 Biodiesel Fuel Storage Tank, Ref. 504C
AB-005	38,000 Gallon Fixed Roof Glycerin Storage Tank, Ref. 704
AB-006	38,000 Gallon Fixed Roof Methanol Storage Tank with Emissions Routed to Scrubber (AC-001), Ref. 703
AB-008	18,000 Gallon Fixed Roof Methanol Storage Tank with Emissions Routed to Scrubber (AC-001), Ref. 801
AB-009	18,000 Gallon Fixed Roof Glycerin Bottoms Storage Tank, Ref. 605
AB-010	18,000 Gallon Fixed Roof B100 Biodiesel Bottoms Storage Tank, Ref. 1104
AB-011	8,000 Gallon Fixed Roof Acid Storage Tank, Ref. 404
AB-012	511,189 Gallon Internal Floating Roof Organic Liquids, including Petroleum Distillates, Storage Tank, Ref. T14
AB-013	2,895,734 Gallon Fixed Roof Biodiesel with 0.1% Ultra Low Sulfur Diesel Fuel Storage Tank, Ref. T6
AB-014	2,871,471 Gallon Fixed Roof Diesel Fuel Storage Tank, Ref. T7
AB-015	249,330 Gallon Fixed Roof Feed Stock (Animal Fats or Vegetable Oil) Storage Tank, Ref. T101

Emission Point	Description
AB-016	249,293 Gallon Fixed Roof Feed Stock (Animal Fats or Vegetable Oils) Storage Tank, Ref. T102
AB-017	250,000 Gallon Internal Floating Roof Organic Liquids, including Petroleum Distillates, Storage Tank, Ref. T2
AB-018	249,988 Gallon Fixed Roof Renewable Diesel Storage Tank, Ref. T3
AB-019	248,562 Gallon Fixed Roof Renewable Diesel Storage Tank, Ref. T4
AB-020	2,868,472 Gallon Internal Floating Roof Organic Liquids, including Petroleum Distillates, Storage Tank, Ref. T8
AB-021	9,000 Gallon Fixed Roof B20 Diesel Fuel Storage Tank, Ref. T15
AB-022	4,600 Gallon Fixed Roof Additive Storage Tank, Ref. T16
AB-023	500 Gallon Fixed Roof Additive Storage Tank, Ref. T17
AB-024	12,000 Gallon Fixed Roof Crude B100 Pressurized Storage Tank, Ref. S302
AB-025	9,800 Gallon Horizontal Gasoline Additive Storage Tank, Ref. T18
AB-026	1,800,000 Gallon Fixed Roof Jet A Fuel Storage Tank, Ref. T9
AB-027	600,000 Gallon Fixed Roof Feed Stock (Animal fats or Vegetable Oils) Storage Tank, Ref. T103
AB-028	6,500 Gallon Fixed Roof Biodiesel Distillation Bottoms Storage Tank (Lipid Extract), Ref. T20
AB-029	7,000 Gallon Fixed Roof Petroleum Contact Water Storage Tank, Ref. T19
AC-001	Biodiesel Production Process Controlled by a Packed Tower Water Scrubber
AC-002	Gasoline Truck Loading Operation controlled by Vapor Combustion Unit (VCU)

**SECTION 3
EMISSION LIMITATIONS AND STANDARDS**

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Smoke	Opacity shall not exceed 40%
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2		
	11 Miss. Admin. Code Pt. 2, R.2.2.B(10).	3.3	VOC	Total VOC shall not exceed 99.0 tons / year
		3.4	HAP	Combined HAPs shall not exceed 24.9 tons / year
		3.5		Individual HAPs shall not exceed 9.9 tons / year
	11 Miss. Admin. Code Pt. 2, R.1.3.F(1).	3.6	PM (Filterable only)	$E = 4.1 p^{0.67}$
AA-001 AA-003 AC-002	11 Miss. Admin. Code Pt. 2, R.1.3.D(1)(a).	3.7	PM (Filterable only)	0.6 pounds per million BTU per hour heat input
AA-003	40 CFR 63, Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) 40 CFR 63.6580, 63.6585(a) and (c), and 63.6590(a)(2)(iii) and (c)(1), Subpart ZZZZ	3.8	HAP	General Applicability
	40 CFR 60, Subpart IIIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines) 40 CFR 60.4200(a)(2)(i), Subpart IIIII	3.9	NMHC+NO _x CO PM (Filterable only)	
	40 CFR 60.4205(b), 60.4202(a)(2), 60.4206, 60.4211(a)(1) - (3) and (c), Subpart IIIII and 40 CFR 89.112(a) and 89.113(a), Subpart B	3.10		NMHC+NO _x < 6.4 g/kW-hr PM < 0.20 g/kW-hr CO < 3.5 g/kW-hr
	40 CFR 60.4209(a), Subpart IIIII	3.11		Hour meter requirement
	40 CFR 60.4211(f)(1) - (3), 40 CFR 60.4219, Subpart IIIII	3.12		Emergency operation provisions
	40 CFR 60.4207(b), Subpart IIIII and 40 CFR 80.510(b), Subpart I	3.13	Fuel	Diesel fuel requirements
AB-006 AB-012 AB-017 AB-020	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 60.110b(a), Subpart Kb	3.14	VOC	General Applicability

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AB-006	40 CFR 60.112b (a)(3)(i) and (ii), Subpart Kb	3.15	VOC	Reduce emissions by 95% or greater
AB-012 AB-017 AB-020 AC-002	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 63.11082(a) and 63.11098, Subpart BBBBBB	3.16	HAP	General Applicability
	40 CFR 63.11081(i), Subpart BBBBBB	3.17	HAP	
AB-012 AB-017 AB-020	40 CFR 63.11087(f), Subpart BBBBBB	3.18	HAP	Comply with 40 CFR 63, Subpart BBBBBB by complying with 40 CFR 60, Subpart Kb
	40 CFR 63.11087(a) and Item 2(b) of Table 1, Subpart BBBBBB and 40 CFR 60.112b(a)(1), Subpart Kb	3.19	VOC	Tank Design Specifications
AC-001	40 CFR 60, Subpart RRR (Standard of Performance of Performance for Volatile Organic Compound Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes) 40 CFR 60.700(a) and 40 CFR 60.700(b)(3), Subpart RRR	3.20	TOC VOC	General Applicability
	40 CFR 60.702(a), Subpart RRR	3.21		Reduce emissions by 98 weight-percent
	40 CFR 60, Subpart VVa (Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006) 40 CFR 60.480a, Subpart VVa	3.22	VOC	General Applicability
	40 CFR 60.482-2a through 60.482-11a, Subpart VVa	3.23	VOC	Equipment Leak Standards
AC-002	11 Miss. Admin. Code Pt. 2, R.1.3.D(1)(b).	3.24	PM (Filterable only)	$E = 0.8808 * I^{-0.1667}$
	40 CFR 63.11085, Subpart BBBBBB	3.25	HAP	Air pollution control practices
	40 CFR 63.11081(i), Subpart BBBBBB	3.26		Shall not exceed 80 mg/L of TOC per liter of gasoline loaded.

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AC-002	40 CFR, Subpart XX (Standards of Performance for Bulk Gasoline Terminals) 40 CFR 60.500	3.27	TOC VOC	General Applicability
	40 CFR 60.502(b), Subpart XX	3.28		Shall not exceed 35 mg/L of TOC per liter of gasoline loaded
	40 CFR 60.502(e), Subpart XX and 40 CFR 63.11088(a), Item 1 of Table 2, Subpart BBBBBB	3.29		Vapor-tightness requirements
	40 CFR 60.502(f) and (g), Subpart XX	3.30		Tank truck compatibility requirements

3.1. For the entire facility, 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) and (b).

- a) Startup operations may produce emissions which exceed 40% opacity for up to fifteen minutes per startup in any one hour and not to exceed three startups per stack in any twenty-four-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-hour period does not exceed ten minutes per billion BTU gross heating value of fuel in any one hour.

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

3.2. For the entire facility, 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 3.1. This shall not apply to vision obscuration caused by uncombined water droplets.

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

3.3. For the entire facility, the permittee shall limit the facility's total Volatile Organic Compounds (VOC) emissions to no more than 99.0 tons/year (TPY) as determined for each rolling consecutive 12-month period.

(Ref.: 11 Miss. Admin. Code Pt. 2, R.2.2.B(10).)

- 3.4. For the entire facility, the permittee shall limit the facility's combined Hazardous Air Pollutants (HAP) emissions to no more than 24.9 TPY as determined for each rolling consecutive 12-month period.
(Ref.: 11 Miss. Admin. Code Pt. 2, R.2.2.B(10).)
- 3.5. For the entire facility, the permittee shall limit the facility's individual HAP emissions to no more than 9.9 TPY as determined for each rolling consecutive 12-month period.
(Ref.: 11 Miss. Admin. Code Pt. 2, R.2.2.B(10).)
- 3.6. For the entire facility, the permittee shall not cause or allow the emission of particulate matter in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets, or combination thereof, to exceed the amount determined by the relationship
$$E = 4.1 p^{0.67}$$
where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).)
- 3.7. For Emission Points AA-001, AA-003, and AC-002, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations 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).)
- 3.8. Emission Point AA-003 is subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR 63, Subpart ZZZZ. For purposes of this subpart, the engine is considered a new compression ignition (CI) stationary RICE at an area source of HAP emissions. As such, the permittee shall comply with Subpart ZZZZ by meeting the requirements of the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60, Subpart IIII.
(Red.: 40 CFR 63.6580, 63.6585(a) and (c), and 63.6590(a)(2)(iii) and (c)(1), Subpart ZZZZ)
- 3.9. Emission Point AA-003 is subject to and shall comply with the applicable requirements of the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60, Subpart IIII.
(Ref.: 40 CFR 60.4200(a)(2)(i), Subpart IIII)

3.10. For Emission Point AA-003, the permittee shall certify that the engine does not exceed the emission standards for non-methane hydrocarbons and nitrogen oxides (NMHC+NO_x), carbon monoxide (CO), and particulate matter (PM) found in 40 CFR 89.112(a) and the opacity limits found in 40 CFR 89.113(a). The permittee shall operate and maintain the engine according to the manufacturer's emission related written instructions, change only those emission-related settings that are permitted by the manufacturer and meet the emission standards for the entire life of the engine.

(Ref.: 40 CFR 60.4205(b), 60.4202(a)(2), 60.4206, 60.4211(a)(1)-(3) and (c), Subpart III and 40 CFR 89.112(a) and 89.113(a), Subpart B)

3.11. For Emission Point AA-003, the permittee shall install and maintain a non-resettable hour meter on the engine.

(Ref.: 40 CFR 60.4209(a), Subpart III)

3.12. For Emission Point AA-003, the engine shall be considered an emergency stationary RICE under Subpart III provided the engine only operates in an emergency, during maintenance and testing, and during non-emergency situations for 50 hours per year as described in (c) below. If the engine does not operate according to (a) through (c) below, the engine will not be considered an emergency engine and must meet all requirements for non-emergency engines.

a) There is no limit on the use of the engine during emergency situations.

b) The engine may operate for maintenance checks and readiness testing for a maximum of 100 hours per calendar year provided the tests are recommended.

c) The engine may be operated for up to 50 hours per calendar year in nonemergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours provided for in paragraph (b). Except as provided in 40 CFR 60.4211(f)(3)(i), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: 40 CFR 60.4211(f)(1)-(3), 60.4219, Subpart III)

3.13. For Emission Point AA-003, the permittee shall use diesel fuel that has a maximum sulfur content of 15 ppm and either a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.

(Ref.: 40 CFR 60.4207(b), Subpart III and 40 CFR 80.510(b), Subpart I)

- 3.14. Emission Points AB-006, AB-012, AB-017, and AB-020, are subject to and shall comply with the requirements of the 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, Subpart Kb. (Ref.: 40 CFR 60.110b(a), Subpart Kb)
- 3.15. For Emission Point AB-006, the permittee shall equip the storage vessel with a closed vent system and control device. The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable leaks as indicated by an instrument reading of less than 500 ppm above background and visual inspections, as determined in 40 CFR 60.485(b). The Packed Tower Scrubber (Emission Point AC-001) shall be designed and operated to reduce inlet VOC emissions by 95 percent or greater. (Ref.: 40 CFR 60.112b (a)(3)(i) and (ii), Subpart Kb)
- 3.16. Emission Points AB-012, AB-017, AB-020, and AC-002, are subject to and shall comply with the requirements of the NESHAP for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, 40 CFR 63, Subpart BBBBBB. (Ref.: 40 CFR 63.11082(a) and 63.11098, Subpart BBBBBB)
- 3.17. For Emission Points AB-012, AB-017, AB-020, and AC-002, the permittee shall comply only with the more stringent provisions of all applicable subparts. The permittee must consider all provisions of the rules, including monitoring, recordkeeping, and reporting. The permittee is responsible for making accurate determinations concerning the more stringent provisions; noncompliance with this rule is not excused if it is later determined that the permittee's determination was in error, and, as a result, the permittee is violating this subpart. Compliance with this rule is the permittee's responsibility, and the Notification of Compliance Status does not alter or affect that responsibility. (Ref.: 40 CFR 63.11081(i), Subpart BBBBBB)
- 3.18. For Emission Points AB-012, AB-017, and AB-020, the permittee shall comply with the requirements of Subpart BBBBBB by complying with the control requirements in the 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 Part 60, Subpart Kb. (Ref.: 40 CFR 63.11087(f), Subpart BBBBBB)

- 3.19. For Emission Points AB-012, AB-017, and AB-020, the permittee shall ensure that each storage vessel with a fixed roof is equipped with an internal floating roof that meets the following specifications:
- a) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
 - b) Each internal floating roof is equipped with a mechanical shoe seal closure device between the wall of the storage vessel and the edge of the internal floating roof. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
 - c) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
 - d) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
 - e) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
 - f) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - g) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

- h) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
 - i) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
(Ref.: 40 CFR 63.11087(a), Item 2(b) of Table 1, Subpart BBBBBB and 40 CFR 60.112b(a)(1), Subpart Kb)
- 3.20. Emission Point AC-001 is subject to and shall comply with the requirements in the Standards of Performance for Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Reactor Processes, 40 CFR 60, Subpart RRR. These requirements apply to each combination of two or more reactor processes and the common recovery system into which their vent streams are discharged.
(Ref.: 40 CFR 60.700(a) and 60.700(b)(3), Subpart RRR)
- 3.21. For Emission Point AC-001, the permittee shall ensure that the scrubber is designed and operated to reduce Total Organic Compound (TOC) emissions by 98 weight-percent.
(Ref.: 40 CFR 60.702(a), Subpart RRR)
- 3.22. Emission Point AC-001 is subject to and shall comply with the requirements of the Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006, 40 CFR 60, Subpart VVa and the General Provisions, 40 CFR 60, Subpart A.
(Ref.: 40 CFR 60.480a, Subpart VVa)
- 3.23 For Emission Point AC-001, the permittee shall comply with the following leak standards from 40 CFR 60, Subpart VVa.
- a) Pumps in light liquid service shall comply with the applicable requirements of 40 CFR 60.482-2a.
 - b) Compressors shall comply with the applicable requirements of 40 CFR 60.482-3a.
 - c) Pressure relief devices in gas/vapor services shall comply with the applicable requirements of 40 CFR 60.482-4a.
 - d) Sample connection systems shall comply with the applicable requirements of 40 CFR 60.482-5a.
 - e) Open-ended valves or lines shall comply with the applicable requirements of 40 CFR 60.482-6a.

- f) Valves in gas/vapor and light liquid service shall comply with the applicable requirements of 40 CFR 60.482-7a.
- g) The delay of repair of equipment subject to 40 CFR 60, Subpart VVa shall comply with the applicable requirements of 40 CFR 60.482-9a.
- h) Closed vent systems and control devices shall comply with the applicable requirements of 40 CFR 60.482-10a.
- i) Connectors in gas/vapor and light liquid service shall comply with the applicable requirements of 40 CFR 60.482-11a.

(Ref.: 40 CFR 60.482-2a through 60.482-11a, Subpart VVa)

- 3.24. For Emission Point AC-002, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations shall not exceed an emission rate as determined by the relationship

$$E = 0.8808 * I^{-0.1667}$$

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).)

- 3.25. For Emission Point AC-002, the permittee must, at all times, operate and maintain the emission point in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to MDEQ, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. The permittee must keep applicable records and submit reports as specified Condition 5.19 and Condition 6.6.

(Ref.: 40 CFR 63.11085, Subpart BBBB)B

- 3.26. For Emission Point AC-002, the permittee shall not allow emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks to exceed 80 milligrams (mg) of TOC per liter of gasoline loaded.

The permittee shall demonstrate compliance with the 80 mg TOC/L gasoline loaded emission limitation by meeting the more stringent emission limitation from 40 CFR 60, Subpart XX listed in Condition 3.28.

(Ref.: 40 CFR 63.11081(i), Subpart BBBB)B

- 3.27. Emission Point AC-002 is subject to and shall comply with all applicable requirements of the Standards of Performance for Bulk Gasoline Terminals, 40 CFR 60, Subpart XX.

(Ref.: 40 CFR 60.500, Subpart XX)

- 3.28. For Emission Point AC-002, the permittee shall not allow emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks to exceed 35 milligrams of TOC per liter of gasoline loaded.

(Ref.: 40 CFR 60.502(b), Subpart XX)

- 3.29. For Emission Point AC-002, loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:

- a) The permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
- b) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
- c) The owner or operator shall cross-check each tank identification number obtained in paragraph (b) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - 1) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - 2) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.

If either the quarterly or semiannual cross-check provided in paragraphs (c)(1) or (2) reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.

- d) The permittee shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (c).
- e) The permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
- f) Alternate procedures to those described in paragraphs (a) through (e) for limiting gasoline tank truck loadings may be used upon application to, and approval by the MDEQ.

(Ref.: 40 CFR 60.502(e), Subpart XX and 40 CFR 63.11088(a), Item 1 of Table 2, Subpart BBBB))

- 3.30. For Emission Point AC-002, the permittee shall act to assure that loadings of gasoline tank trucks are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system. The permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck.

(Ref.: 40 CFR 60.502(f) and (g), Subpart XX)

**SECTION 4
WORK PRACTICES**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
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**SECTION 5
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. 2.9.	5.1	Records	Keep all records for 5 years
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	VOC HAP	12-month rolling totals for VOC and HAP emissions
		5.3	Biodiesel and Glycerin production	12-month rolling totals for volume of materials produced
		5.4	VOC HAP	Performance test if modification invalidates operational ranges
AA-003	40 CFR 60.4214(b), Subpart IIII	5.5	Hours of operation	Recordkeeping
AB-006	40 CFR 60.113b(c) and 60.115(c), Subpart Kb	5.6	VOC	Operating Plan
AB-006 AB-012	40 CFR 60.116b(b), Subpart Kb	5.7	Tank specifications	Recordkeeping
AB-017 AB-020	40 CFR 60.116b(c), Subpart Kb	5.8	VOL storage	Records for each VOL including period of storage and maximum true vapor pressure
AB-012 AB-017 AB-020	40 CFR 60.113b(a) (2) and (4), and 60.115b(a)(2), Subpart Kb and 40 CFR 63.11094(a), Subpart BBBBBBB	5.9	Visual inspections	Recordkeeping
AC-001 AC-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.10	TOC	Performance test once every five years
AC-001	40 CFR 60.703(e), Subpart RRR	5.11	Liquid flow rate Air inlet temperature	Continuously monitor and record parameters
	40 CFR 60.705(i), Subpart RRR	5.12	Equipment/Process changes	Recordkeeping
	40 CFR 60.481-1a through 60.481-11a, 60.480a(f), and 60.485a, Subpart VVa	5.13	VOC	Compliance methods and procedures and monitoring of leaks
	40 CFR 60.486a, Subpart VVa and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.14	VOC	Recordkeeping
AC-002	40 CFR 60.505(a) through (d), Subpart XX	5.15	Tank truck vapor tightness	Recordkeeping
	40 CFR 63.11089(a)through (d), Subpart BBBBBB	5.16	HAP	Monthly leak inspections
	40 CFR 63.11092(f), Subpart BBBBBB	5.17	HAP	Annual certification test for gasoline cargo tanks
	40 CFR 63.11092(b)(1)(iii) and (b)(1)(iii)(B)(2)(v), Subpart BBBBBB	5.18	HAP	Monitor presence of a pilot flame
	40 CFR 63.11094(b), through (e), (f)(1), (f)(3), and (f)(4), Subpart BBBBBB and 40 CFR 60.505(a) through (d), Subpart XX	5.19	HAP	Gasoline loading operation records

5.1. For the entire facility, the permittee shall retain all required records, monitoring data, supporting 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 or upon request.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

5.2. For the entire facility, the permittee shall monitor and record a rolling consecutive 12-month total of Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs) emissions.

The permittee shall utilize a combination of stack testing or operational ranges, AP-42 factors, good engineering calculations, raw material usages, production rates, tank throughputs, leak detection monitoring, fuel consumption, and operating hours to demonstrate compliance with the emission limits in Conditions 3.3, 3.4, and 3.5.

If operational ranges are utilized, then the ranges must be developed from stack test data, vendor certification, operational history, and visual inspections, the combination of which demonstrate the proper operation of the equipment.

For Emission Points AC-001 and AC-002, the permittee shall only use stack testing data and/or operational ranges to demonstrate compliance with Conditions 3.3, 3.4, and 3.5.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.3. For the entire facility, the permittee shall monitor and record a rolling consecutive 12-month total volume of materials produced, including Biodiesel and Glycerin.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.4. For the entire facility, should the permittee modify a control device or the facility in such a manner that would alter the validity of the operational ranges, if any, then within six (6) months of the modification, the permittee shall develop new operational ranges by performing a stack test.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.5. For Emission Point AA-003, the permittee shall record all periods of emergency and non-emergency operation that are recorded through the non-resettable hour meter. The record shall contain the time and reason for the engine operation.

(Ref.: 40 CFR 60.4214(b), Subpart III)

5.6. For Emission Point AB-006, the permittee shall operate the closed vent system and control device and monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to MDEQ in accordance with 40 CFR 60.113b(c)(1), unless the plan was modified by MDEQ during the review process. In this case, the modified plan applies. In addition, the permittee shall keep following records:

- a) A copy of the operating plan.
- b) A record of the measured values of the parameters monitored in accordance with the operating plan.

(Ref.: 40 CFR 60.113b(c) and 60.115b(c), Subpart Kb)

5.7. For Emission Points AB-006, AB-012, AB-017, and AB-020, the permittee shall keep readily accessible records showing the dimensions and capacity of the storage vessel for the life of the vessel.

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

5.8. For Emission Points AB-006, AB-012, AB-017, and AB-020, the permittee shall maintain records of the VOL stored in each vessel, the period of storage, and the maximum true vapor pressure of the VOL during respective storage period for a minimum of at least two (2) years.

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

5.9. For Emission Points AB-012, AB-017, and AB-020, the permittee shall meet the following inspection requirements:

- a) Visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from MDEQ in the inspection report required in Condition 6.6. Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

- b) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. This inspection shall be conducted at least once every ten (10) years.
- c) The permittee shall keep a record for at least five (5) years of each inspection performed as required by this condition. 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).

(Ref.: 40 CFR 60.113b(a)(2) and (4), and 60.115b(a)(2), Subpart Kb and 40 CFR 63.11094(a), Subpart BBBB)

- 5.10. For Emission Point AC-001, the permittee shall demonstrate compliance with Condition 3.21 using the test methods and procedures of 40 CFR 60.704. For Emission Point AC-002, the permittee shall demonstrate compliance with Condition 3.28 using the test methods and procedures of 40 CFR 60.503. The compliance tests shall be performed once every five (5) years, not to exceed 61 months from the previous compliance test.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 5.11. For Emission Point AC-001, the permittee shall continuously monitor and record the scrubber liquid flow rate and the air inlet temperature, as specified in the operating plan submitted to MDEQ. The scrubber liquid flow rate shall be maintained within the 10 to 18 gallons per minute range and the scrubber air inlet temperature shall be maintained within the 65°F to 85°F range.

(Ref.: 40 CFR 60.703(e), Subpart RRR)

- 5.12. For Emission Point AC-001, the permittee shall keep up-to-date, readily accessible records of any change in equipment or process operation that increases the design production capacity of the process unit.

(Ref.: 40 CFR 60.705(i), Subpart RRR)

- 5.13. For Emission Point AC-001, the permittee perform the following monitoring and testing as listed below.

- a) Determine compliance with the standards in Condition 3.23 by the methods and procedures specified in 40 CFR 60.485a.
- b) Use the test methods in 40 CFR 60, Appendix A, or other methods and procedures as specified in 40 CFR 60.485a when conducting a performance test.
- c) Monitor pumps for leaks monthly (Pumps with dual mechanical seal system that includes a barrier fluid system are exempt.) Visually inspect pumps each calendar week for indications of liquids dripping from the pump seal. When a leak is detected, the first attempt at repair must be made within 5 days and the leak repaired within 15 days.
- d) Monitor compressors for leaks.
- e) Pressure Relief Devices (PRDs) in gas/vapor service must have no detectable emissions (< 500 ppm above background). No later than 5 calendar days after a PRD release, the PRD must be monitored to confirm no detectable emissions (< 500 ppm above background).
- f) Each sampling connection system must be equipped with a closed-purge, closed-loop, or closed-vent system.
- g) Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, and the cap, blind flange, plug, or second valve shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line.
- h) Valves in light liquid and in gas/vapor service shall be monitored monthly. For valves where a leak is not detected for 2 successive months, the monitoring frequency may be changed to quarterly. However, if a leak is detected, monitoring must occur monthly for 2 successive months before changing to quarterly monitoring. Valves must have no detectable emissions (< 500 ppm above background).
- i) Vapor recovery systems shall be designed and operated to recover the VOC emissions vented to them with an efficiency of 95 percent or greater, or to an exit concentration of 20 parts per million by volume (ppmv), whichever is more stringent.

If the vapor collection system or closed vent system is constructed of hard-piping, conduct annual visual inspections for visible, audible, or olfactory indications of leaks.

When a leak is detected, the first attempt at repair must be made within 5 days and the leak repaired with 15 days. A leak is defined as 500 ppm or greater.

- j) Connectors in gas/vapor service and in light liquid service must be monitored annually. A connector is any flanged, screwed, or other joined fittings used to connect two pipe lines or a pipe line and a piece of process equipment or that close an opening in a pipe that could be connected to another pipe (welded fittings are not considered connectors).

All process connectors shall be monitored to detect leaks by the method specified in 40 CFR 60.485a(b) and, as applicable, 40 CFR 60.485a(c). If an instrument reading greater than or equal to 500 ppm is measured, a leak is detected.

When a leak is detected, the first attempt at repair must be made within 5 days and the leak repaired within 15 days. A leak is defined as 500 ppm or greater. If a connector is found to be leaking, it shall be re-monitored once within 90 days after repair to confirm that it is not leaking.

(Ref.: 40 CFR 60.481-1a through 60.481-11a, and 60.485a, Subpart VVa)

- 5.14. For Emission Point AC-001, the permittee shall maintain the applicable records required by 40 CFR 60.486a. The records shall be kept in a readily accessible location and made available for review upon request by MDEQ.

(Ref.: 40 CFR 60.486a, Subpart VVa and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 5.15. For Emission Point AC-002, the permittee shall be considered in compliance with the tank truck recordkeeping requirements of 40 CFR 60, Subpart XX provided it complies with the 40 CFR 63, Subpart BBBBBB tank truck recordkeeping requirements contained in Condition 5.19.

(Ref.: 40 CFR 60.505(a)-(d), Subpart XX)

- 5.16. For Emission Point AC-002, the permittee shall comply with the following requirements:
- a) The permittee shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.
 - b) A log book shall be used and shall be signed by the permittee at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
 - c) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than five (5) calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except a delay will be allowed if the repair is not feasible within 15 days.

The permittee shall provide the reason why the repair was not feasible and the date the repair was completed in the semiannual report required in Condition 6.6.

(Ref.: 40 CFR 63.11089(a)-(d), Subpart BBBBBB)

- 5.17. For Emission Point AC-002, the annual certification test for gasoline cargo tanks shall consist of EPA Method 27, Appendix A-8, 40 CFR 60.

(Ref.: 40 CFR 63.11092(f), Subpart BBBBBB)

- 5.18. For Emission Point AC-002, the presence of a thermal oxidation system pilot flame shall be monitored using a heat-sensing device installed in proximity of the pilot light, to indicate the presence of a flame. The heat-sensing device shall send a positive parameter value to indicate that the pilot flame is on, or a negative parameter value to indicate that the pilot flame is absent. The permittee shall not load materials any time the pilot flame is absent and these events shall be deemed a system malfunction. The permittee shall document any system malfunction, as defined in the monitoring and inspection plan, and any activation of the automated alarm or shutdown system with a written entry into a log book or other permanent form of record. Such record shall also include a description of the corrective action taken and whether such corrective actions were taken in a timely manner, as defined in the monitoring and inspection plan, as well as an estimate of the amount of gasoline loaded during the period of the malfunction.

(Ref.: 40 CFR 63.11092(b)(1)(iii) and (b)(1)(iii)(B)(2)(v), Subpart BBBBBB)

- 5.19. For Emission Point AC-002, the permittee shall comply with the following requirements:

a) The permittee shall keep the following records of the test results for each gasoline cargo tank loading at the facility:

- 1) Annual certification testing performed under Condition 5.17 and any periodic railcar bubble leak testing performed under 40 CFR 63.11092(f)(2).
- 2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility in a permanent form available for inspection. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. The documentation for each test shall include, as a minimum, the following information:
 - i. Name of test: Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.
 - ii. Cargo tank owner's name and address.
 - iii. Cargo tank identification number.

- iv. Test location and date.
 - v. Tester name and signature.
 - vi. Witnessing inspector, if any: Name, signature, and affiliation.
 - vii. Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing.
 - viii. Test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.
- 3) If the permittee complies with the alternative requirements for rail car tanks in 40 CFR 63.11088(b), the permittee must keep records documenting that the facility have verified the vapor tightness testing according to the requirements of MDEQ.
- b) The permittee is subject to the equipment leak provisions and shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service.
- c) The permittee shall record in the log book for each leak that is detected the information specified in paragraphs (c)(1) through (7).
- 1) The equipment type and identification number.
 - 2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).
 - 3) The date the leak was detected and the date of each attempt to repair the leak.
 - 4) Repair methods applied in each attempt to repair the leak.
 - 5) “Repair delayed” and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.
 - 6) The expected date of successful repair of the leak if the leak is not repaired within 15 days.
 - 7) The date of successful repair of the leak.
- d) The permittee shall keep up-to-date, readily accessible records of the continuous monitoring data required in Condition 5.18 or Condition 5.19. These records shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.

- e) The permittee shall keep an up-to-date readily accessible copy of the monitoring and inspection plan.
- f) The permittee shall keep an up-to-date, readily accessible record of all system malfunctions as specified in Condition 5.18.
- g) The permittee shall keep an up-to-date, readily accessible record of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.
- h) The permittee shall keep up-to-date, readily accessible records of actions taken during periods of malfunction to minimize emissions in accordance with Condition 3.25, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(Ref.: 40 CFR 63.11094(b)-(e), (f)(1), (f)(3), (f)(4), and (g) , SubpartBBBBB and 40 CFR 60.505(a)-(d), Subpart XX)

SECTION 6 REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report permit deviations within five (5) working days.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.2	Submit certified semiannual monitoring report.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.3	All documents submitted to MDEQ shall be certified by a Responsible Official.
	11 Miss. Admin. Code Pt. 2, R.2.2.B(11).	6.4	Submit Notification of Performance Test, test protocol, and test results
AB-012 AB-017 AB-020	40 CFR Part 60.113b(a)(5), Subpart Kb	6.5	Inspection Notification
AB-012 AB-017 AB-020 AC-002	40 CFR 63.11095(a)(1), (b)(1)-(5), and (d), Subpart BBBBBB and 40 CFR 60.115b(a)(3), Subpart Kb	6.6	Semiannual Report
AC-001	40 CFR 60.487a(c), Subpart VVa	6.7	LDAR semiannual reporting requirement
	40 CFR 60.705(l)(5), Subpart RRR; 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.8	Submit semiannual report detailing changes to control equipment.

- 6.1. 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. 2.2.B(11).)
- 6.2. Except as otherwise specified herein, the permittee shall submit a certified semi-annual synthetic minor monitoring report. The semiannual reporting periods will be from January 1st through June 30th and from July 1st through December 31st. Compliance reports shall be postmarked no later than 31st of January or the 31st of July for the preceding semiannual reporting period. This report shall address any required monitoring specified in the permit. All instances of deviations from permit requirements must be clearly identified in the report. Where no monitoring data is required to be reported and/or there are no deviations to report, the report shall contain the appropriate negative declaration.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

- 6.3. Any document required by this permit to be submitted to MDEQ shall contain a certification signed by a responsible official stating 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. 2.2.B(11).)
- 6.4. The permittee shall submit a Notification of Performance Test at least 60 calendar days before the test is scheduled to begin as specified in 40 CFR 63.9(e) prior to conducting any performance test(s). The permittee shall submit a written test protocol for all performance tests at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to MDEQ. The permittee shall submit a copy of each performance test report within 60 days after the test has been completed.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)
- 6.5. For Emission Points AB-012, AB-017, and AB-020, the permittee shall notify MDEQ in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by Condition 5.9(b) to afford MDEQ the opportunity to have an observer present. If the inspection required by Condition 5.9(b) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify MDEQ at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by MDEQ at least 7 days prior to the refilling.
(Ref.: 40 CFR Part 60.113b(a)(5), Subpart Kb)
- 6.6. For Emission Points AB-012, AB-017, AB-020, and AC-002 the permittee shall demonstrate compliance with Conditions 3.19 and 3.25 by submitting a semiannual report in accordance with Condition 6.2 which contains the following:
- a) If any of the conditions described in Condition 5.9(a) are detected during the annual visual inspection, a report shall be furnished to MDEQ 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. If no issues were detected during the annual visual inspection, the semiannual report shall identify the date the inspection was done.
 - b) For the loading rack, each instance a gasoline cargo tank was loaded for which vapor tightness documentation had not been previously obtained by the facility.

- c) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.
- d) An excess emissions report which includes the following information:
 - 1) The date on which the leak was detected.
 - 2) The date of each attempt to repair the leak.
 - 3) The reasons for the delay of repair.
 - 4) The date of successful repair.
- e) The permittee shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with Condition 3.25, including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report. The permittee is not required to submit reports for periods during which no malfunctions occurred.

(Ref.: 40 CFR 63.11095(a)(1), (b)(1)-(5), and (d), Subpart BBBBBB and 40 CFR 60.115b(a)(3), Subpart Kb)

6.7. For Emission Point AC-001, the permittee shall submit semiannual reports that include the following:

- a) Process unit identification.
- b) For each month during the semiannual reporting period,
 - 1) Number of valves for which leaks were detected,
 - 2) Number of valves for which leaks were not repaired as required,
 - 3) Number of pumps for which leaks were detected,
 - 4) Number of pumps for which leaks were not repaired as required,
 - 5) Number of compressors for which leaks were detected,
 - 6) Number of compressors for which leaks were not repaired as,
 - 7) Number of connectors for which leaks were detected,
 - 8) Number of connectors for which leaks were not repaired as required, and
 - 9) The facts that explain each delay of repair and, where appropriate, why a process unit shutdown was technically infeasible.
- c) Dates of process unit shutdowns which occurred within the semiannual reporting period.

d) Revisions to items reported according to the initial semiannual report if changes have occurred since the initial report or subsequent revisions to the initial report.

(Ref.: 40 CFR 60.487a(c), Subpart VVa)

6.8. For Emission Point AC-001, the permittee shall submit semiannual reports of any change in equipment or process operation that increases the design production capacity of the process unit. An increase in design production capacity must be reported as soon as possible after the change and no later than 180 days after the change. These reports may be submitted either in conjunction with semiannual reports or as a single separate report. In addition, the permittee shall submit a report that includes any exceedances from the operating parameters in Condition 5.11. Where there are no exceedances to report, the report shall contain the appropriate negative declarations.

(Ref.: 40 CFR 60.705(l)(5), Subpart RRR; 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)