

# **STATE OF MISSISSIPPI AIR POLLUTION CONTROL PERMIT**

**TO CONSTRUCT AIR EMISSIONS EQUIPMENT**

## **THIS CERTIFIES THAT**

Bucees Harrison LLC, Bucees Number 61  
8245 Firetower Road  
Pass Christian, Mississippi  
Harrison County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

**MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD**

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**AUTHORIZED SIGNATURE**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Issued:**\_\_\_\_\_

**Permit No.: 1020-00204**

## SECTION 1. GENERAL CONDITIONS

- 1.1 This permit is for air pollution control purposes only.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
- 1.1 Any activities not identified in the application are not authorized by this permit.  
(Ref.: Miss. Code Ann. 49-17-29(1)(b))
- 1.2 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 operating without a valid permit pursuant to State Law.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
- 1.3 It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(6).)
- 1.4 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).)
- 1.5 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 the 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).)
- 1.6 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).)
- 1.7 The permit does not convey any property rights of any sort, or any exclusive privilege.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)
- 1.8 The permittee shall furnish to the Department of Environmental Quality (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).)

- 1.9 *Design and Construction Requirements:* The stationary source shall be designed and constructed so as to operate without causing a violation of an Applicable Rules and Regulations, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(1)-(3).)

- 1.10 The necessary facilities shall be constructed to prevent any wastes or other products or substances to be placed in a location where they are likely to cause pollution of the air or waters of the State without the proper environmental permits.

(Ref.: Miss. Code Ann. 49-17-29(1) and (2))

- 1.11 *Fugitive Dust Emissions from Construction Activities:* The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(4).)

- 1.12 *General Nuisances:* 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.)

1.13 *Right of Entry:* The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives upon presentation of credentials:

- (a) To enter at reasonable times 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) 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 contaminants or waste waters, fuel, process material, or other material which affects or may affect emission of air contaminants from any source.

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

1.14 *Permit Modification or Revocation:* After notice and opportunity for a hearing, the Permit Board may modify the permit or revoke it in whole or in part for good cause shown including, but not limited to:

- (a) Persistent violation of any of the 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.)

1.15 *Public Record and Confidential Information:* 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)

1.16 *Permit Transfer:* This permit shall not be transferred except upon approval of the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B.)

1.17 *Severability:* The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the 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).)

- 1.18 *Permit Expiration:* The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance, if construction is suspended for eighteen (18) months or more, or if construction is not completed within a reasonable time. The DEQ may extend the 18-month period upon a satisfactory showing that an extension is justified.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(1)., R. 2.5.C(4)., and R. 5.2.)
- 1.19 *Certification of Construction:* A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(3).)
- 1.20 *Beginning Operation:* After certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by 11 Miss. Admin. Code Pt. 2, R. 2.13.G.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).)
- 1.21 *Application for a Permit to Operate:* The application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).)
- 1.22 *Operating Under a Permit to Construct:* Upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).)
- 1.23 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 five (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 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 11 Miss. Admin. Code Pt. 2, R. 1.2., occurs during startup or shutdown, see the upset requirements above.

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

- 1.24 *General Duty:* All air emission equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants.

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

- 1.25 *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).)



**SECTION 2. EMISSION POINT DESCRIPTION**

The permittee is authorized to construct and operate, upon certification of construction, air emissions equipment, as described in the following table.

Emission Point	Facility ID	Description
AA-001	GDF1	Gasoline Dispensing Facility (GDF) with a projected throughput of 25,000,000 gallons of gasoline per year
AA-002	EG1	2264 hp (15.01 MMBtu/hr) natural gas-fired emergency engine for the 1500 kW Caterpillar G3516 Generator Set



### SECTION 3. EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
AA-001	40 CFR 63, Subpart CCCCCC  NESHAP for Source Category: Gasoline Dispensing Facilities  40 CFR 63.11110, 63.11111(a) and (d), 63.11112(a) and (b), 63.11118(h), 63.11130, and Table 3, Subpart CCCCCC	3.1	HAP	Applicability
	40 CFR 63.11118(b)(1) and Table 1, Subpart CCCCCC	3.2		Install and operate a vapor balance system on the gasoline storage tanks
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.3	PM (filterable only)	$E = 0.8808 * I^{-0.1667}$
AA-002	40 CFR 63, Subpart ZZZZ  NESHAP for Stationary Reciprocating Internal Combustion Engines (RICE)  40 CFR 63.6580, 63.6585, and 63.6590(a)(2)(iii) and (c)(1), Subpart ZZZZ	3.4	HAP	Applicability
AA-002	40 CFR 60, Subpart JJJJ  Standards of Performance for Stationary Spark Ignition Internal Combustion Engines  40 CFR 60.4230(a)(4)(iv), 60.4246, and Table 3 to Subpart JJJJ	3.5	NO <sub>x</sub> , CO, VOC	Applicability
	40 CFR 60.4233(e), 60.4234, and Table 1, Subpart JJJJ	3.6	NO <sub>x</sub> CO VOC	2.0 g/HP-hr 4.0 g/HP-hr 1.0 g/HP-hr
	40 CFR 60.4243(b)(1), Subpart JJJJ	3.7	NO <sub>x</sub> , CO, VOC	Purchase, operate, and maintain a certified engine
	40 CFR 60.4243(d)(1)-(3), Subpart JJJJ	3.8	Hours of operation	Operating requirements

- 3.1 For Emission Point AA-001, the permittee is subject to and shall comply with all applicable requirements of the NESHAP for Source Categories: Gasoline Dispensing Facilities (40 CFR 63, Subpart CCCCCC) and the applicable General Provision (40 CFR 63, Subpart A) as required in Table 3 to Subpart CCCCCC. Subpart CCCCCC applies to the gasoline storage tanks and associated equipment components in vapor or liquid gasoline service, pressure/vacuum vents on gasoline storage tanks, and the equipment necessary to unload product from cargo tanks into the storage tanks. Subpart CCCCCC does not cover

equipment used for the refueling of motor vehicles. Emission Point AA-001 is considered a new GDF with a monthly gasoline throughput exceeding 100,000 gallons of gasoline and must comply with the requirements of Subpart CCCCCC upon startup.

(Ref.: 40 CFR 63.11110, 63.11111(a) and (d), 63.11112(a) and (b), 63.11118(h), 63.11130, and Table 3, Subpart CCCCCC)

3.2 For Emission Point AA-001, the permittee shall install and operate a vapor balance system on the gasoline storage tanks that meets the design criteria in paragraphs (a) through (h).

- (a) All vapor connections and lines on the storage tank shall be equipped with closures that seal upon disconnect.
- (b) The vapor line from the gasoline storage tank to the gasoline cargo tank shall be vapor-tight, as defined in 40 CFR 63.11132.
- (c) The vapor balance system shall be designed such that the pressure in the tank truck does not exceed 18 inches water pressure or 5.9 inches water vacuum during product transfer.
- (d) The vapor recovery and product adaptors, and the method of connection with the delivery elbow, shall be designed so as to prevent the over-tightening or loosening of fittings during normal delivery operations.
- (e) If a gauge well separate from the fill tube is used, it shall be provided with a submerged drop tube that extends the same distance from the bottom of the storage tank as specified in Condition 4.3.
- (f) Liquid fill connections for all systems shall be equipped with vapor-tight caps.
- (g) Pressure/vacuum (PV) vent valves shall be installed on the storage tank vent pipes. The pressure specifications for PV vent valves shall be a positive pressure setting of 2.5 to 6.0 inches of water and a negative pressure setting of 6.0 to 10.0 inches of water. The total leak rate of all PV vent valves at an affected facility, including connections, shall not exceed 0.17 cubic foot per hour at a pressure of 2.0 inches of water and 0.63 cubic foot per hour at a vacuum of 4 inches of water.
- (h) The vapor balance system shall be capable of meeting the static pressure performance requirement of the following equation:

$$P_f = 2e^{-500.887/v}$$

Where:

$P_f$  = Minimum allowable final pressure, inches of water.

$v$  = Total ullage affected by the test, gallons.

$e$  = Dimensionless constant equal to approximately 2.718.

$2$  = The initial pressure, inches water.

(Ref.: 40 CFR 63.11118(b)(1) and Table 1, Subpart CCCCCC)

- 3.3 For Emission Point AA-002, the maximum permissible emission of ash and/or particulate matter 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).)

- 3.4 Emission Point AA-002 is subject to and shall comply with all applicable requirements of the NESHAP for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR 63, Subpart ZZZZ. Emission Point AA-002 is considered a new, emergency spark ignition (SI) stationary RICE at an area source of HAP emissions. As such, the permittee shall comply with Subpart ZZZZ by complying with the applicable requirements of the Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, 40 CFR 60, Subpart JJJJ. No other requirements of Subpart ZZZZ apply.

(Ref.: 40 CFR 63.6580, 63.6585, and 63.6590(a)(2)(iii) and (c)(1), Subpart ZZZZ)

- 3.5 Emission Point AA-002 is subject to and shall comply with all applicable requirements of the Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, 40 CFR 60, Subpart JJJJ and the applicable General Provisions in 40 CFR 60, Subpart A, as required in Table 3 to Subpart JJJJ.

(Ref.: 40 CFR 60.4230(a)(4)(iv), 60.4246, and Table 3 to Subpart JJJJ)

- 3.6 For Emission Point AA-002, the permittee shall operate and maintain the engine such that it meets the following standards over the entire life of the engine.

(a)  $\text{NO}_x \leq 2.0 \text{ g/HP-hr}$

(b)  $\text{CO} \leq 4.0 \text{ g/HP-hr}$

(c)  $\text{VOC} \leq 1.0 \text{ g/HP-hr}$

(Ref.: 40 CFR 60.4233(e), 60.4234, and Table 1, Subpart JJJJ)

- 3.7 For Emission Point AA-002, the permittee shall demonstrate compliance with the emission standards in Condition 3.6 by purchasing a certified engine and operating and maintaining the certified engine according to the manufacturer's emission-related written instructions. The permittee may adjust engine settings provided the adjustments are consistent with the manufacturer's instructions.

(Ref.: 40 CFR 60.4243(b)(1), Subpart JJJJ)

3.8 For Emission Point AA-002, the engine shall be considered an emergency stationary engine under Subpart JJJJ 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 paragraph (c) below. If the permittee does not operate the engine according to the requirements in paragraphs (a) through (c) below, the engine will not be considered an emergency engine under Subpart JJJJ and must meet all requirements for non-emergency engines.

- (a) There is no limit on the use of the engine during an emergency situation.
- (b) The permittee may operate the engine for maintenance checks and readiness testing for a maximum of 100 hours per calendar year provided the tests are recommended by federal, state, or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or insurance company associated with an engine. The permittee may petition the DEQ for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating the federal, state, or local standards require maintenance testing of an engine beyond 100 hours per calendar year.
- (c) The emergency engine may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph (b). Except as provided in 40 CFR 60.4243(d)(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 to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: 40 CFR 60.4243(d)(1)-(3), Subpart JJJJ)

#### SECTION 4. WORK PRACTICES

Emission Point	Applicable Requirement	Condition Number(s)	Work Practice
AA-001	40 CFR 63.11115(a), Subpart CCCCCC	4.1	Good air pollution control practices
	40 CFR 63.11116(a) and 63.11118(a), Subpart CCCCCC	4.2	Minimize emissions from gasoline handling
		4.3	Submerged filling of gasoline storage tanks
	40 CFR 63.11117(b) and 63.11118(d) and Table 2, Subpart CCCCCC	4.4	Cargo tank unloading management practices

- 4.1 For Emission Point AA-001, the permittee must, at all times, operate and maintain the affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the DEQ 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.

(Ref.: 40 CFR 63.11115(a), Subpart CCCCCC)

- 4.2 For Emission Point AA-001, the permittee must not allow gasoline to be handled in a manner that would result in vapor releases 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 63.11116(a) and 63.11118(a), Subpart CCCCCC)

- 4.3 For Emission Point AA-001, the permittee must only load gasoline into storage tanks at the facility by utilizing submerged filling, as defined in 40 CFR 63.11132, and as specified in paragraphs (a) and (b). The applicable distance in paragraph (a) 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 must be no more than 6 inches from the bottom of the tank.

- (b) Submerged fill pipes not meeting the specifications of paragraph (a) are allowed if the permittee can demonstrate that the liquid level in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection by the DEQ's delegated representative during the course of a site visit.

(Ref.: 40 CFR 63.1117(b) and 63.1118(a), Subpart CCCCCC)

4.4 For Emission Point AA-001, the permittee shall not allow a gasoline cargo tank to unload into a storage tank at the GDF unless the following conditions are met:

- (a) All hoses in the vapor balance system are properly connected,
- (b) The adapters or couplers that attach to the vapor line on the storage tank have closures that seal upon disconnect,
- (c) All vapor return hoses, couplers, and adapters used in the gasoline delivery are vapor-tight,
- (d) All tank truck vapor return equipment is compatible in size and forms a vapor-tight connection with the vapor balance equipment on the GDF storage tank, and
- (e) All hatches on the tank truck are closed and securely fastened.
- (f) The filling of storage tanks at GDF shall be limited to unloading from vapor-tight gasoline cargo tanks. Documentation that the cargo tank has met the specifications of EPA Method 27 shall be carried with the cargo tank, as specified in Condition 5.4.

(Ref.: 40 CFR 63.1118(d) and Table 2, Subpart CCCCCC)

## SECTION 5. MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain records for a minimum of 5 years.
AA-001	40 CFR 63.11118(e) and 63.11120(a) and (c), Subpart CCCCCC	5.2	Leak Rate/ Pressure	Initial and triennial leak rate, cracking pressure, static pressure testing
	40 CFR 63.11118(g) and 63.11125(a) and (b), Subpart CCCCCC	5.3		Records of leak rate, cracking pressure, static pressure testing
	40 CFR 63.11118(g) and 63.11125(c), Subpart CCCCCC	5.4	Vapor tightness	Records of cargo tank vapor tightness
	40 CFR 63.11118(g) and 63.11125(d), Subpart CCCCCC	5.5	Malfunctions	Records of occurrence, duration, and corrective action taken for malfunctions
AA-002	40 CFR 60.4237(c) and 60.4245(b), Subpart JJJJ	5.6	Hours	Install non-resettable hour meter and record hours of operation
	40 CFR 60.4245(a)(1)-(3), Subpart JJJJ	5.7	Recordkeeping	General recordkeeping requirements

5.1 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, but is not limited to, 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 DEQ as required by Applicable Rules and Regulations or this permit upon request.

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

5.2 For Emission Point AA-001, within 180 days of startup of the GDF and every three (3) years thereafter, the permittee must comply with the requirements in paragraphs (a) and (b).

(a) The permittee must demonstrate compliance with the leak rate and cracking pressure requirements, specified Condition 3.2(g), for pressure-vacuum vent valves installed on the gasoline storage tanks using the test methods identified in paragraph (a)(1) or paragraph (a)(2).

(1) California Air Resources Board Vapor Recovery Test Procedure TP-201.1E, – Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves, adopted October 8, 2003 (incorporated by reference, see 40 CFR 63.14).



- (2) Use alternative test methods and procedures in accordance with the alternative test method requirements in 40 CFR 63.7(f).
- (b) The permittee must demonstrate compliance with the static pressure performance requirement specified Condition 3.2(h) for the vapor balance system by conducting a static pressure test on the gasoline storage tanks using the test methods identified in paragraph (b)(1), (b)(2), or (b)(3).
  - (1) California Air Resources Board Vapor Recovery Test Procedure TP-201.3, – Determination of 2-Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities, adopted April 12, 1996, and amended March 17, 1999 (incorporated by reference, see 40 CFR 63.14).
  - (2) Use alternative test methods and procedures in accordance with the alternative test method requirements in 40 CFR 63.7(f).
  - (3) Bay Area Air Quality Management District Source Test Procedure ST-30 – Pressure Integrity Test – Underground Storage Tanks, adopted November 30, 1983, and amended December 21, 1994 (incorporated by reference, see 40 CFR 63.14).

Performance tests shall be conducted under such conditions as the DEQ specifies to the permittee based on representative performance (i.e., performance based on normal operating conditions) of the affected source. Upon request, the permittee shall make available to the DEQ such records as may be necessary to determine the conditions of performance tests.

(Ref.: 40 CFR 63.11118(e) and 63.11120(a) and (c), Subpart CCCCCC)

- 5.3 For Emission Point AA-001, the permittee shall keep records of all tests performed under Condition 5.2 for a period of five (5) years following the test and shall make these records available for inspection by the DEQ during the course of a site visit.

(Ref.: 40 CFR 63.11118(g) and 63.11125(a) and (b), Subpart CCCCCC)

- 5.4 For Emission Point AA-001, the permittee shall ensure that records of vapor tightness testing are provided by the owner or operator of the cargo tank according to 40 CFR 63.11125(c) prior to filling storage tanks at the GDF.

(Ref.: 40 CFR 63.11118(g) and 63.11125(c), Subpart CCCCCC)

- 5.5 For Emission Point AA-001, the permittee shall keep records as specified in paragraphs (a) and (b).

- (a) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- (b) Records of actions taken during periods of malfunction to minimize emissions in accordance with Condition 4.1, 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 63.11118(g) and 63.11125(d), Subpart CCCCCC)

- 5.6 For Emission Point AA-002, the permittee shall install a non-resettable hour meter on the engine, if one is not already installed. The permittee shall keep records of the operation of the engine that is recorded through the hour meter. The permittee shall document how many hours are spent in emergency operation, including what classified the operation as an emergency, and how many hours are spent in non-emergency operation.

(Ref.: 40 CFR 60.4237(c) and 60.4245(b), Subpart JJJJ)

- 5.7 For Emission Point AA-002, the permittee shall keep the following records:
- (a) A copy of all notifications submitted to comply with Subpart JJJJ and any corresponding supporting information.
  - (b) Records documenting the maintenance conducted on the engine.
  - (c) Documentation from the engine manufacturer that the engine is certified to meet the emission standards.

(Ref.: 40 CFR 60.4245(a)(1)-(3), Subpart JJJJ)

## 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(a)	Report deviations within five (5) working days
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1(b)	Annual reporting (if required by Condition 6.5)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1(c)	Certification by responsible official
	11 Miss. Admin. Code Pt. 2, R. 2.5.C(2).	6.1(d)	Notification of beginning actual construction within 15 days
	11 Miss. Admin. Code Pt. 2, R. 2.5.C(3).	6.1(e)	Notification when construction does not begin or is suspended
	11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (3).	6.1(f)	Certification of completion of construction prior to operation
	11 Miss. Admin. Code Pt. 2, R. 2.5.D(2).	6.1(g)	Notification of changes in construction
AA-001	40 CFR 63.11118(f) and 63.11124(b)(1), Subpart CCCCCC	6.2	Initial Notification
	40 CFR 63.11118(f) and 63.11124(b)(1), Subpart CCCCCC	6.3	Notification of Compliance Status
	40 CFR 63.11118(f) and 63.11124(b)(4), Subpart CCCCCC	6.4	Notification of Performance Test
	40 CFR 63.11118(g) and 63.11126(b), Subpart CCCCCC	6.5	Annual reports

### 6.1 General Reporting Requirements:

- (a) 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).)

- (b) Beginning upon issuance of this permit, the permittee shall submit reports of any required monitoring according to the schedule in Condition 6.5. 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. 2.1.C. 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. For any air emissions equipment not yet constructed and/or operating the report shall so note and include an estimated date of commencement of construction and/or startup, whichever is applicable.

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

- (c) Any document required by this permit to be submitted to the DEQ 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).)

- (d) Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(2).)

- (e) The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(3).)

- (f) Upon the completion of construction or installation of an approved stationary source or modification, and prior to commencing operation, the applicant shall notify the Permit Board that construction or installation was performed in accordance with the approved plans and specifications on file with the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (3).)

- (g) The Permit Board shall be promptly notified in writing of any change in construction from the previously approved plans and specifications or permit. If the Permit Board determines the changes are substantial, it may require the submission of a new application to construct with “as built” plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an “as built” application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(2).)

- 6.2 For Emission Point AA-001, the permittee must submit an Initial Notification of applicability no later than 120 days after startup. The Initial Notification must contain the information specified in paragraphs (a) through (c). The notification must be submitted to the applicable EPA Regional office and the DEQ as specified in 40 CFR 63.13.

- (a) The name and address of the owner and the operator.
- (b) The address (i.e., physical location) of the GDF.

- (c) A statement that the notification is being submitted in response to Subpart CCCCCC and identifying the requirements in paragraphs (a) through (c) of 40 CFR 63.11118 that apply.

(Ref.: 40 CFR 63.11118(f) and 63.11124(b)(1), Subpart CCCCCC)

- 6.3 For Emission Point AA-001, the permittee must submit a Notification of Compliance Status to the applicable EPA Regional Office and the DEQ, as specified in 40 CFR 63.13, within 60 days of completing the initial performance test required by Condition 5.2. The Notification of Compliance Status must be signed by a responsible official who must certify its accuracy, must indicate whether the source has complied with the requirements of this subpart, and must indicate whether the facility's throughput is determined based on the volume of gasoline loaded into all storage tanks or on the volume of gasoline dispensed from all storage tanks. If the facility is in compliance with the requirements of Subpart CCCCCC at the time the Initial Notification required in Condition 6.2 is due, the Notification of Compliance Status may be submitted in lieu of the Initial Notification provided it contains the information required in Condition 6.2.

(Ref.: 40 CFR 63.11118(f) and 63.11124(b)(2), Subpart CCCCCC)

- 6.4 For Emission Point AA-001, the permittee must submit a Notification of Performance Test, as specified in 40 CFR 63.9(e), prior to initiating testing required by Condition 5.2.

(Ref.: 40 CFR 63.11118(f) and 63.11124(b)(4), Subpart CCCCCC)

- 6.5 For Emission Point AA-001, the permittee shall report, by March 15 of each year, the number, duration, and a brief description of each type of malfunction which occurred during the previous calendar year 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 the permittee during a malfunction of an affected source to minimize emissions in accordance with Condition 4.1, including actions taken to correct a malfunction. No report is necessary for a calendar year in which no malfunctions occurred.

(Ref.: 40 CFR 63.11118(g) and 63.11126(b), Subpart CCCCCC)