STATE OF MISSISSIPPI
AIR POLLUTION CONTROL PERMIT

TO CONSTRUCT AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

KM Mississippi Intrastate System LLC,
Delta Blues Compressor Station
2040 US Highway 182 W
Greenville, Mississippi
Washington 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

_____

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued:_____ **Permit No.: 2800-00143**

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.)

1.2 Any activities not identified in the application are not authorized by this permit.

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

1.3 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).)

1.4 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).)

1.5 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).)

1.6 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 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).)

1.7 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).)

1.8 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).)

1.9 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).)

1.10 *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).)

1.11 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))

1.12 *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).)

1.13 *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.)

1.14 *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)

1.15 *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.)

1.16 *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)

1.17 *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.)

1.18 *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).)

1.19 *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.)

1.20 *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).)

1.21 *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).)

1.22 *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).)

1.23 *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).)

1.24 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.)

1.25 *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).)

1.26 *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	Description
AA-001	2,500 hp natural gas-fired Compressor Engine No. 1, a 4-stroke, rich burn spark ignition (SI) internal combustion engine (ICE) manufactured in 2026 and equipped with a three-way catalyst
AA-002	2,500 hp natural gas-fired Compressor Engine No. 2, a 4-stroke, rich burn SI ICE manufactured in 2026 and equipped with a three-way catalyst
AA-003	2,500 hp natural gas-fired Compressor Engine No. 3, a 4-stroke, rich burn SI ICE manufactured in 2026 and equipped with a three-way catalyst
AA-004	536 hp (400 kW) natural gas-fired Emergency Generator, with a 4-stroke, lean burn SI ICE manufactured in 2026
AA-005	Fugitive Emissions from Equipment Leaks
AA-006	Emergency Shutdowns and Pipeline Blowdowns
AA-007	Site-wide storage tanks for maintenance fluids and oily water

SECTION 3. EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limitation/Standard
AA-001 AA-002 AA-003 AA-004	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Opacity	≤ 40% (from smoke)
AA-001 AA-002 AA-003	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.2	PM (filterable only)	$E = 0.8808*I^{-0.1667}$
AA-004	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.3	PM (filterable only)	0.6 lb/MMBtu
AA-001 AA-002 AA-003 AA-004	40 CFR 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants: Reciprocating Internal Combustion Engines (RICE) 40 CFR 63.6580, 63.6585(a) and (c), and 63.6590(c)(1), Subpart ZZZZ	3.4	HAP	Applicability
AA-001 AA-002 AA-003 AA-004	40 CFR Part 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines 40 CFR 60.4230(a)(4)(i) and (iv), 60.4246, and Table 3 to Subpart JJJJ	3.5	NO_x, CO, VOC	Applicability
AA-001 AA-002 AA-003	40 CFR 60.4233(e), 60.4234, and Table 1, Subpart JJJJ	3.6	NO_x	1.0 g/hp-hr (82 ppmvd @ 15% O_2)
			CO	2.0 g/hp-hr (270 ppmvd @ 15% O_2)
			VOC	0.7 g/hp-hr (60 ppmvd @ 15% O_2)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.7	CO	1.0 g/hp-hr
AA-004	40 CFR 60.4233(e), 60.4234, and Table 1, Subpart JJJJ	3.8	NO_x	2.0 g/hp-hr (160 ppmvd @ 15% O_2)
			CO	4.0 g/hp-hr (540 ppmvd @ 15% O_2)
			VOC	1.0 g/hp-hr (86 ppmvd @ 15% O_2)
	40 CFR 60.4243(d)(1)-(3), Subpart JJJJ	3.9	Hours of Operation	Non-emergency operating requirements

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limitation/Standard
AA-001 AA-002 AA-003 AA-005	40 CFR Part 60, Subpart OOOOb – Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification or Reconstruction Commenced After December 6, 2022 40 CFR 60.5360b, 60.5365b(c) and (f), 60.5425b, and Table 5, Subpart OOOOb	3.10	VOC, Methane (GHG)	Applicability
AA-001 AA-002 AA-003	40 CFR 60.5385b(a), Subpart OOOOb	3.11	Volumetric flow	≤ 2 scfm flow rate per cylinder

3.1 For Emission Points AA-001, AA-002, AA-003, and AA-004, 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. Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.

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

3.2 For Emission Points AA-001, AA-002, and AA-003, 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).)

3.3 For Emission Point AA-004, the emission of ash and/or particulate matter 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).)

3.4 For Emission Points AA-001, AA-002, AA-003, and AA-004, the permittee 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 Part 63, Subpart ZZZZ, and the appliable General Provisions of 40 CFR Part 63, Subpart A.

Emission Points AA-001, AA-002, AA-003, and AA-004 are new spark ignition (SI) engines also subject to 40 CFR Part 60, Subpart JJJJ, and therefore have no further requirements under Subpart ZZZZ pursuant to 40 CFR 63.6590(c)(1).

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

3.5 Emission Points AA-001, AA-002, AA-003, and AA-004 are subject to and shall comply with all applicable requirements of the *Standards of Performance for Stationary Spark (SI) Ignition Internal Combustion Engines (ICE)*, 40 CFR Part 60, Subpart JJJJ, and the applicable General Provisions of 40 CFR 60, Subpart A, as required in Table 3 to Subpart JJJJ.

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

3.6 For Emission Points AA-001, AA-002, and AA-003, the permittee shall operate and maintain each engine such that it meets the following standards over the entire life of the engine.

(a) $NO_x \leq 1.0$ g/hp-hr (82 ppmvd @ 15% O_2)

(b) $CO \leq 2.0$ g/hp-hr (270 ppmvd @ 15% O_2)

(c) $VOC \leq 0.7$ g/hp-hr (60 ppmvd @ 15% O_2)[1]

[1] When calculating emissions of volatile organic compounds (VOC), emissions of formaldehyde should not be included.

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

3.7 For Emission Points AA-001, AA-002, and AA-003, the permittee shall limit emissions of CO to 1.0 g/hp-hr, as determined by a 3-hour average.

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

3.8 For Emission Point AA-004, the permittee shall operate and maintain the engine such that it meets the following standards over the entire life of the engine.

(a) $NO_x \leq 2.0$ g/hp-hr (160 ppmvd @ 15% O_2)

(b) $CO \leq 4.0$ g/hp-hr (540 ppmvd @ 15% O_2)

(c) $VOC \leq 1.0$ g/hp-hr (86 ppmvd @ 15% O_2)[1]

[1] When calculating emissions of volatile organic compounds (VOC), emissions of formaldehyde should not be included.

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

3.9 For Emission Point AA-004, the permittee must operate the emergency stationary ICE according to the following requirements. In order for the engine to be considered an emergency stationary ICE, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described below, is prohibited. If the permittee does not operate the engine according to the requirements in paragraphs (a) through (c) of this condition, the engine will not be considered an emergency engine under the applicable subpart and must meet all requirements for non-emergency engines.

(a) There is no time limit on the use of emergency stationary ICE in emergency situations.

(b) The permittee may operate the emergency stationary ICE for a maximum of 100 hours per calendar year for non-emergency use. Any operation for non-emergency situations as allowed by paragraph (c) counts as part of the 100 hours per calendar year allowed by this paragraph (b). The emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that 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 the insurance company associated with the 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 permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

(c) The emergency stationary ICE 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). 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 60.4243(d)(1)-(3), Subpart JJJJ)

3.10 For Emission Points AA-001, AA-002, AA-003, and AA-005, the permittee is subject to and shall comply with all applicable requirements of the *Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification or Reconstruction Commenced After December 6, 2022*, 40 CFR Part 60, Subpart OOOOb, and the applicable General Provisions of 40 CFR 60, Subpart A, as required in Table 5 to Subpart OOOOb. The affected facilities include the reciprocating compressors (i.e., Emission Points AA-001, AA-002, and AA-003) and the process unit equipment (i.e., Emission Point AA-005).

(Ref.: 40 CFR 60.5360b, 60.5365b(c) and (f), 60.5425b, and Table 5 to Subpart OOOOb)

3.11 For Emission Points AA-001, AA-002, and AA-003, the volumetric flow rate of each cylinder in each compressor, measured in accordance with 40 CFR 60.5385b(b) or (c), must not exceed 2 standard cubic feet per minute (scfm) per individual cylinder. If the individual cylinders are manifolded to a single open-ended vent line, the volumetric flow rate must not exceed the sum of the individual cylinders multiplied by 2 scfm.

(Ref.: 40 CFR 60.5385b(a), Subpart OOOOb)

SECTION 4. WORK PRACTICES

Emission Point	Applicable Requirement	Condition Number(s)	Work Practice
Facility-Wide	40 CFR 60.5371b(d), Subpart OOOOb	4.1	Super-emitter event investigation
AA-001 AA-002 AA-003	40 CFR 60.4243(b)(2)(ii), Subpart JJJJ	4.2	Maintain and operate the engines according to the maintenance plan.
AA-004	40 CFR 60.4243(b)(1), Subpart JJJJ	4.3	Purchase certified engine and operate and maintain it according to the manufacturer's instructions.
AA-001 AA-002 AA-003 AA-005	40 CFR 60.5370b(b), Subpart OOOOb	4.4	Good air pollution control practices

4.1 After January 22, 2027, the permittee must initiate a super-emitter event investigation according to 40 CFR 60.5371b(d) within five (5) calendar days of receiving notification from the EPA of the super-emitter event. A super-emitter event is defined as any emissions event that is located at or near the compressor station and that is detected using remote detection methods and has quantified emission rate of 100 kg/hr of methane or greater.

(Ref.: 40 CFR 60.5371b(d), Subpart OOOOb)

4.2 For Emission Points AA-001, AA-002, and AA-003, the permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engines in a manner consistent with good air pollution control practice for minimizing emissions.

(Ref.: 40 CFR 60.4243(b)(2)(ii), Subpart JJJJ)

4.3 For Emission Point AA-004, the permittee shall demonstrate compliance with the emission standards in Condition 3.8 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)

4.4 For Emission Points AA-001, AA-002, AA-003, and AA-005, at all times, including periods of startup, shutdown, and malfunction, the permittee shall maintain and operate the affected units including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating 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, opacity observations, review of operating and maintenance procedures, and

inspection of the source. The provisions for exemption from compliance during periods of startup, shutdown and malfunctions provided for in 40 CFR 60.8(c) do not apply to 40 CFR Part 60, Subpart OOOOb.

(Ref.: 40 CFR 60.5370b(b), Subpart OOOOb)

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 AA-002 AA-003	40 CFR 60.4243(b)(2)(ii) and 60.4244, Subpart JJJJ and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	NO_x, CO, VOC	Initial and subsequent performance testing
AA-004	40 CFR 60.4237(c) and 60.4245(b), Subpart JJJJ	5.3	Hours of operation	Install non-resettable hour meter and record hours of operation
AA-001 AA-002 AA-003 AA-004	40 CFR 60.4245(a)(1)-(4), Subpart JJJJ	5.4	NO_x, CO, VOC	General recordkeeping requirements
AA-001 AA-002 AA-003	40 CFR 60.5385b(a)(1) and (2), Subpart OOOOb	5.5	Volumetric flow	Initial and subsequent flow measurements
	40 CFR 60.5385b(a)(3), Subpart OOOOb	5.6	Rod packing	Repair or replace rod packing within 90 days of exceeding volumetric flow rate standard
	40 CFR 60.5385b(g) and 60.4520b(c)(5), Subpart OOOOb	5.7	Volumetric flow, hours of operation	General recordkeeping requirements
	40 CFR 60.5385b(e) and 60.5410b(e), Subpart OOOOb	5.8	GHG and VOC	Initial compliance demonstration
	40 CFR 60.5385b(f) and 60.5415b(g)(1), (5), and (6), Subpart OOOOb	5.9		Continuous compliance demonstration
AA-005	40 CFR 60.5397b(b), (c), and (d), Subpart OOOOb	5.10	GHG and VOC	Develop a fugitive emissions monitoring plan
	40 CFR 60.5397b(e), Subpart OOOOb	5.11		Fugitive emissions components and exceptions
	40 CFR 60.5397b(f) and (g)(1)(v), Subpart OOOOb	5.12		Initial and subsequent fugitive emissions monitoring survey frequency
	40 CFR 60.5397b(h), Subpart OOOOb	5.13		Fugitive emissions repair requirements
	40 CFR 60.5397b(k) and 60.5420b(c)(14)(i), (iv), and (v), Subpart OOOOb	5.14		General recordkeeping requirements
	40 CFR 60.5397b(i) and 60.5410b(k), Subpart OOOOb	5.15		Initial compliance demonstration

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Monitoring/Recordkeeping Requirement
AA-005	40 CFR 60.5397b(j) and 60.5415b(l), Subpart OOOOb	5.16		Continuous compliance demonstration

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 Points AA-001, AA-002, and AA-003, the permittee must conduct an initial performance test within 180 days of startup of the units, and conduct subsequent performance testing every 8,760 hours or three (3) years, whichever comes first, thereafter to demonstrate compliance with the emission standards in Conditions 3.6 and 3.7. Performance tests shall be conducted according to the test methods and procedures in 40 CFR 60.4244 and the applicable Performance Test provisions of 40 CFR 60.8.

(Ref.: 40 CFR 60.4243(b)(2)(ii) and 60.4244, Subpart JJJJ and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.3 For Emission Point AA-004, 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)

5.4 For Emission Points AA-001, AA-002, AA-003, and AA-004, the permittee shall keep the records of the following information:

(a) All notifications submitted to comply with Subpart JJJJ and all documentation supporting any notification.

(b) Maintenance conducted on the engine.

(c) For Emission Point AA-004, documentation from the engine manufacturer that the engine is certified to meet the emission standards in Condition 3.8.

(d) For Emission Points AA-001, AA-002, and AA-003, performance testing documentation demonstrating that the engines meet the emission standards in Condition 3.6.

(Ref.: 40 CFR 60.4245(a)(1)-(4), Subpart JJJJ)

5.5 For Emission Points AA-001, AA-002, and AA-003, the permittee must conduct the first volumetric flow rate measurements from each reciprocating compressor rod packing vent on or before 8,760 hours of operation after startup using the methods specified in 40 CFR 60.5385b(b) or (c). The permittee must conduct subsequent volumetric flow rate measurements from each reciprocating compressor rod packing vent on or before 8,760 hours of operation after the previous measurement which demonstrates compliance with the applicable volumetric flow rate of 2 scfm per cylinder (or a combined volumetric flow rate greater than the number of compression cylinders multiplied by 2 scfm), or on or before 8,760 hours of operation after the last rod packing replacement, whichever date is later.

(Ref.: 40 CFR 60.5385b(a)(1) and (2), Subpart OOOOb)

5.6 For Emission Points AA-001, AA-002, and AA-003, if the volumetric flow measurement determined according to Condition 5.5 exceeds 2 scfm per cylinder, the rod packing must be repaired or replaced within 90 calendar days after the date of measurement. The permittee must conduct follow-up volumetric flow rate measurements from compressor vents using the methods specified in 40 CFR 60.5385b(b) or (c) within 15 days after the repair (or rod packing replacement) to document that the rate has been reduced to less than 2 scfm per cylinder. Delay of repair will be allowed if the conditions in paragraph (a) or (b) of this condition are met.

(a) If the repair (or rod packing replacement) is technically infeasible, would require a vent blowdown, a compressor station shutdown, or would be unsafe to repair during operation of the unit, the repair (or rod packing replacement) must be completed during the next scheduled compressor station shutdown for maintenance, after a scheduled vent blowdown, or within two (2) years of the date of the volumetric emissions measurement that exceeds the applicable required flow rate per cylinder, whichever is earliest. A vent blowdown is the opening of one or more blowdown valves to depressurize major production and processing equipment, other than a storage vessel.

(b) If the repair requires replacement of the rod packing or a part, but the replacement cannot be acquired and installed within the repair timelines specified in this condition due to the circumstances specified in paragraph (b)(1) of this condition, the repair must be completed in accordance with paragraph (b)(2) of this condition and documented in accordance with Condition 5.7.

(1) Rod packing or part supplies had been sufficiently stocked but are depleted at the time of the required repair.

(2) The required rod packing or part replacement must be ordered no later than 10 calendar days after the reciprocating compressor is added to the delay of repair list due to parts unavailability. The repair must be completed as soon as practicable, but no later than 30 calendar days after receipt of the replacement rod packing or part, unless the repair requires a compressor

station shutdown. If the repair requires a compressor station shutdown, the repair must be completed in accordance with the timeframe specified in paragraph (a) of this condition.

(Ref.: 40 CFR 60.5385b(a)(3), Subpart OOOOb)

5.7 Emission Points AA-001, AA-002, and AA-003, the permittee must maintain the following records for each reciprocating compressor:

(a) Records of deviations in cases where the reciprocating compressor was not operated in compliance with the requirements specified in Conditions 5.5 and 5.6, including a description of each deviation, the date and time each deviation began and the duration of each deviation in hours.

(b) Records of the cumulative number of hours of operation since initial startup, or since the previous volumetric flow rate measurement, as applicable.

(c) A description of the method used and the results of the volumetric flow rate measurement or emissions screening, as applicable.

(d) Records for all flow meters, composition analyzers and pressure gauges used to measure volumetric flow rates as specified in paragraphs (d)(1) through (6) of this condition.

(1) Description of standard method published by a consensus-based standards organization or industry standard practice.

(2) Records of volumetric flow rate calculations conducted according to 40 CFR 60.5385b(b) or (c), as applicable.

(3) Records of manufacturer operating procedures and measurement methods.

(4) Records of manufacturer's recommended procedures or an appropriate industry consensus standard method for calibration and results of calibration, recalibration, and accuracy checks.

(5) Records which demonstrate that measurements at the remote location(s) can, when appropriate correction factors are applied, reliably and accurately represent the actual temperature or total pressure at the flow meter under all expected ambient conditions. The permittee must include the date of the demonstration, the data from the demonstration, the mathematical correlation(s) between the remote readings and actual flow meter conditions derived from the data, and any supporting engineering calculations. If adjustments were made to the mathematical relationships, a record and description of such adjustments.

(6) Record of each initial calibration or a recalibration which failed to meet the required accuracy specification and the date of the successful recalibration.

(e) Date when performance-based volumetric flow rate is exceeded.

(f) The date of successful replacement or repair of reciprocating compressor rod packing, including follow-up performance-based volumetric flow rate measurement to confirm successful repair.

(g) Identification of each reciprocating compressor placed on delay of repair because of rod packing or part unavailability and explanation for each delay of repair.

(h) For each reciprocating compressor that is placed on delay of repair because of replacement rod packing or part unavailability, the permittee must document: the date the rod packing or part was added to the delay of repair list, the date the replacement rod packing or part was ordered, the anticipated rod packing or part delivery date (including any estimated shipment or delivery date provided by the vendor), and the actual arrival date of the rod packing or part.

(i) Date of planned shutdowns that occur while there are any reciprocating compressors that have been placed on delay of repair due to the unavailability of rod packing or parts to conduct repairs.

(Ref: 40 CFR 60.5385b(g) and 60.4520b(c)(5), Subpart OOOOb)

5.8 For Emission Points AA-001, AA-002, and AA-003, the permittee must demonstrate initial compliance with GHG and VOC standards for each reciprocating compressor by complying with the paragraphs (a) through (c) of this condition.

(a) The permittee must maintain volumetric flow rate at or below 2 scfm and must conduct the initial annual volumetric flow rate measurement as required by Condition 5.5.

(b) The permittee must submit the initial annual report required by Conditions 6.4 and 6.5.

(c) The permittee must maintain the records specified in Condition 5.7.

(Ref.: 40 CFR 60.5385b(e) and 60.5410b(e), Subpart OOOOb)

5.9 For Emission Points AA-001, AA-002, and AA-003, the permittee must demonstrate continuous compliance with GHG and VOC standards for each reciprocating compressor by complying with the paragraphs (a) through (c) of this condition.

(a) The permittee must maintain the volumetric flow rate at or below 2 scfm per cylinder (or at or below the combined volumetric flow rate determined by multiplying the number of cylinders by 2 scfm), and must conduct the required volumetric flow rate measurement of the reciprocating compressor rod packing vents in accordance with Condition 5.5 on or before 8,760 hours of operation after the last volumetric flow rate measurement which demonstrated compliance with the applicable volumetric flow rate.

(b) The permittee must submit the annual reports as required in Conditions 6.4 and 6.5.

(c) The permittee must maintain records as required in Condition 5.7.

(Ref.: 40 CFR 60.5385b(f) and 60.5415b(g)(1), (5), and (6), Subpart OOOOb)

5.10 For Emission Point AA-005, the permittee must develop a fugitive emissions monitoring plan containing the following elements and that covers all fugitive emissions components affected facilities within each company-defined area.

(a) Frequency for conducting surveys. Surveys must be conducted at least as frequently as required by Condition 5.12.

(b) Technique for determining fugitive emissions (i.e., AVO or other detection methods, Method 21 of appendix A-7 to 40 CFR Part 60, and/or OGI meeting the requirements of paragraph (g)).

(c) Manufacturer and model number of fugitive emissions detection equipment to be used, if applicable.

(d) Procedures and timeframes for identifying and repairing fugitive emissions components from which fugitive emissions are detected, including timeframes for fugitive emission components that are unsafe to repair. The repair schedule must meet the requirements of Condition 5.13 at a minimum.

(e) Procedures and timeframes for verifying fugitive emission component repairs.

(f) Records that will be kept and the length of time records will be kept.

(g) If the permittee uses OGI, the plan must also include the elements specified in 40 CFR 60.5397b(c)(7)(i) through (vii). The plan must also include procedures to ensure that all fugitive emissions components, except buried yard piping and associated components (e.g., connectors), are monitored during each survey. Example procedures include, but are not limited to, a sitemap with an observation path, a written narrative of where the fugitive emissions components are located and how they will be monitored, or an inventory of fugitive emissions components.

(h) If the permittee uses Method 21 of appendix A-7 to this part, the plan must also include the elements specified in 40 CFR 60.5397b(c)(8)(i) through (iv). For the purposes of complying with the fugitive emissions monitoring program using Method 21 of appendix A-7 to 40 CFR Part 60, a fugitive emission is defined as an instrument reading of 500 ppmv or greater.

The plan must also include a list of fugitive emissions components to be monitored and method for determining the location of fugitive emissions components to be monitored in the field (e.g., tagging, identification on a process and instrumentation diagram, etc.). The fugitive emissions monitoring plan must include the written plan developed for all of the fugitive emissions components designated as difficult-

to-monitor in accordance with 40 CFR 60.5397b(g)(2), and the written plan for fugitive emissions components designated as unsafe-to-monitor in accordance with 40 CFR 60.5397b(g)(3).

(Ref.: 40 CFR 60.5397b(b), (c), and (d), Subpart OOOOb)

5.11 For Emission Point AA-005, each fugitive emissions component, except buried yard piping and associated components (e.g., connectors), shall be observed or monitored for fugitive emissions during each monitoring survey.

(Ref.: 40 CFR 60.5397b(e), Subpart OOOOb)

5.12 For Emission Point AA-005, the permittee must conduct an initial monitoring survey using OGI or Method 21 of appendix A-7 to 40 CFR Part 60 within 90 days of the startup of production. Subsequent monitoring surveys must be conducted at the frequencies in paragraphs (a) and (b) of this condition.

(a) A monitoring survey must be conducted at least monthly using AVO, or any other detection method, after the initial survey. Any indications of fugitive emissions using these methods are considered fugitive emissions that must be repaired in accordance with Condition 5.13.

(b) A monitoring survey must be conducted at least quarterly using OGI or Method 21 of appendix A-7 to this part after the initial survey. Consecutive quarterly monitoring surveys must be conducted at least 60 calendar days apart.

(Ref.: 40 CFR 60.5397b(f) and (g)(1)(v), Subpart OOOOb)

5.13 For Emission Point AA-005, the permittee shall repair each identified source of fugitive emissions in accordance with the following paragraphs:

(a) A first attempt at repair shall be made in accordance with paragraphs (a)(1) and (a)(2).

(1) A first attempt at repair shall be made no later than 15 calendar days after detection of fugitive emissions that were identified using AVO.

(2) If the permittee is complying by using OGI or Method 21 of appendix A-7 to 40 CFR Part 60, a first attempt at repair shall be made no later than 30 calendar days after detection of the fugitive emissions.

(b) Repair shall be completed as soon as practicable, but no later than 15 calendar days after the first attempt at repair as required in paragraph (a)(1), and 30 calendar days after the first attempt at repair as required in paragraph (a)(2).

(c) Delay of repair will be allowed if the conditions in 40 CFR 60.5397b(h)(3)(i) or (ii) are met.

(d) Each identified source of fugitive emissions must be resurveyed to complete repair according to the requirements of 40 CFR 60.5397b(h)(4)(i) through (v), to ensure that there are no fugitive emissions.

(Ref.: 40 CFR 60.5397b(h), Subpart OOOOb)

5.14 For Emission Point AA-005, the permittee shall maintain the records identified in paragraphs (a) through (c) of this condition.

(a) The date of startup.

(b) The fugitive emissions monitoring plan as required in Condition 5.10.

(c) The records of each monitoring survey as specified in paragraphs (c)(1) through (c)(9)

(1) Date of the survey.

(2) Beginning and end time of the survey.

(3) Name of operator(s), training, and experience of the operator(s) performing the survey.

(4) Monitoring instrument or method used.

(5) Fugitive emissions component identification when Method 21 of appendix A-7 to this part is used to perform the monitoring survey.

(6) Ambient temperature, sky conditions, and maximum wind speed at the time of the survey. For compressor stations, operating mode of each compressor (i.e., operating, standby pressurized, and not operating-depressurized modes) at the station at the time of the survey.

(7) Any deviations from the monitoring plan or a statement that there were no deviations from the monitoring plan.

(8) Records of calibrations for the instrument used during the monitoring survey.

(9) Documentation of each fugitive emission detected during the monitoring survey, including the information specified in paragraphs (c)(9)(i) through (c)(9)(ix).

(i) Location of each fugitive emission identified.

(ii) Type of fugitive emissions component, including designation as difficult-to-monitor or unsafe-to-monitor, if applicable.

(iii) If Method 21 of appendix A-7 to this part is used for detection, record the component ID and instrument reading.

(iv) For each repair that cannot be made during the monitoring survey when the fugitive emissions are initially found, a digital photograph or video must be taken of that component or the component must be tagged for identification purposes. The digital photograph must include the date that the photograph was taken and must clearly identify the component by location within the site (e.g., the latitude and longitude of the component or by other descriptive landmarks visible in the picture). The digital photograph or identification (e.g., tag) may be removed after the repair is completed, including verification of repair with the resurvey.

(v) The date of first attempt at repair of the fugitive emissions component(s).

(vi) The date of successful repair of the fugitive emissions component, including the resurvey to verify repair and instrument used for the resurvey.

(vii) Identification of each fugitive emission component placed on delay of repair and explanation for each delay of repair.

(viii) For each fugitive emission component placed on delay of repair for reason of replacement component unavailability, the operator must document: the date the component was added to the delay of repair list, the date the replacement fugitive component or part thereof was ordered, the anticipated component delivery date (including any estimated shipment or delivery date provided by the vendor), and the actual arrival date of the component.

(ix) Date of planned shutdowns that occur while there are any components that have been placed on delay of repair.

(Ref.: 40 CFR 60.5397b(k) and 60.5420b(c)(14)(i), (iv), and (v), Subpart OOOOb)

5.15 For Emission Point AA-005, to achieve initial compliance with the GHG and VOC standards for fugitive emissions components, the permittee must comply with paragraphs (a) through (e) of this condition.

(a) The permittee must develop a fugitive emissions monitoring plan as required in Condition 5.10.

(b) The permittee must conduct an initial monitoring survey as required in Conditions 5.11 and 5.12.

(c) The permittee must repair each identified source of fugitive emissions for each affected facility as required in Condition 5.13.

(d) The permittee must submit the initial annual report for each fugitive emissions components affected facility as required in Conditions 6.4 and 6.7.

(e) The permittee must maintain the records specified in Condition 5.14.

(Ref.: 40 CFR 60.5397b(i) and 60.5410b(k), Subpart OOOOb)

5.16 For Emission Point AA-005, the permittee must demonstrate continuous compliance with the requirements of Conditions 5.10 through 5.14 according to paragraphs (a) through (d) of this condition.

(a) Periodic monitoring surveys must be conducted as required in Conditions 5.11 and 5.12.

(b) Each identified source of fugitive emissions must be repaired as required in Condition 5.13.

(c) Annual reports must be submitted for fugitive emissions components affected facilities as required in Conditions 6.4 and 6.7.

(d) Records must be maintained as specified in Condition 5.14.

(Ref.: 40 CFR 60.5397b(j) and 60.5415b(l), Subpart OOOOb)

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
	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 AA-002 AA-003	40 CFR 60.4245(c), Subpart JJJJ and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.2	Initial notification
	40 CFR 60.4245(d), Subpart JJJJ and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.3	Performance test reporting
AA-001 AA-002 AA-003 AA-005	40 CFR 60.5385b(g), 60.5415b(g)(5), and 60.5420b(b)(1), Subpart OOOOb	6.4	General information for annual reports
AA-001 AA-002 AA-003	40 CFR 60.5385b(g) and 60.5420b(b)(6), Subpart OOOOb	6.5	Compressor-specific information for annual reports
AA-004	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.6	Annual report summarizing hours of operation in emergency and non-emergency use
AA-005	40 CFR 60.5397b(k) and 60.5420b(b)(9), Subpart OOOOb	6.7	Equipment leak-specific information for 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 and lasting until issuance or modification of the applicable operating permit, the permittee shall submit reports of any

required monitoring by January 31st for the preceding calendar year. 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 Points AA-001, AA-002, and AA-003, the permittee must submit an initial notification as required in 40 CFR 60.7(a)(1). The notification must include the information in paragraphs (a) through (e). The permittee shall submit the notification to EPA electronically via the Compliance and Emissions Data Reporting Interface (CEDRI), which can be accessed through the EPA's Central Data Exchange (CDX) (*https://cdx.epa.gov/*) according to 40 CFR 60.4245(g). The permittee shall also submit a copy of the notification directly to DEQ.

(a) Name and address of the permittee;

(b) The address of the affected source;

(c) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;

(d) Emission control equipment; and

(e) Fuel used.

(Ref.: 40 CFR 60.4245(c), Subpart JJJJ and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

6.3 For Emission Points AA-001, AA-002, and AA-003, the permittee must submit a copy of each performance test conducted pursuant to Condition 5.2 within 60 days after the test has been completed. Performance test reports using EPA Method 18, EPA Method 320, or ASTM D6348-03 to measure VOC require reporting of all QA/QC data. For Method 18, report results from sections 8.4 and 11.1.1.4; for Method 320, report results from sections 8.6.2, 9.0, and 13.0; and for ASTM D6348-03 report results of all QA/QC procedures in Annexes 1-7. The permittee shall submit the notification to EPA electronically via the Electronic Reporting Tool (ERT) as listed on the EPA's ERT website (*https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert*) according to 40 CFR 60.4245(f). The permittee shall also submit a copy of the test reports directly to DEQ.

(Ref.: 40 CFR 60.4245(d), Subpart JJJJ and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

6.4 For Emission Points AA-001, AA-002, AA-003, and AA-005, upon startup, the permittee must submit an initial annual report no later than 90 days after the end of the initial compliance period. Subsequent annual reports shall be submitted according to Condition 6.1(b). The general information specified in paragraphs (a) through (d) of this condition is required for all reports.

(a) The company name, facility site name associated with the affected facility, and address of the affected facility.

(b) An identification of each affected facility being included in the annual report.

(c) Beginning and ending dates of the reporting period.

(d) A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. If a report is submitted via CEDRI, the certifier's electronic signature during the submission process replaces the requirement in this permit condition.

(Ref: 40 CFR 60.5385b(g) and 60.5420b(b)(1), Subpart OOOOb)

6.5 For Emission Points AA-001, AA-002, and AA-003, the permittee shall include the information in paragraphs (a) through (e) of this condition in the annual reports submitted according to Condition 6.4.

(a) The cumulative number of hours of operation since initial startup or since the previous volumetric flow rate measurement, or since the previous reciprocating compressor rod packing replacement, as applicable, which have elapsed prior to conducting the volumetric flow rate measurement or emissions screening.

(b) If applicable, for each deviation that occurred during the reporting period and recorded as specified in paragraph Condition 5.7, the date and time the deviation began, duration of the deviation in hours and a description of the deviation. If no deviations occurred during the reporting period, the permittee must include a statement that no deviations occurred during the reporting period.

(c) A description of the method used and the results of the volumetric flow rate measurement or emissions screening, as applicable.

(d) Number and type of rod packing replacements/repairs on delay of repair and explanation for each delay of repair.

(e) Date of planned shutdown(s) that occurred during the reporting period if there are any rod packing replacements/repairs that have been placed on delay of repair.

(Ref: 40 CFR 60.5385b(g) and 60.5420b(b)(6), Subpart OOOOb)

6.6 For Emission Point AA-004, the permittee shall submit an annual report on January 31st for the preceding calendar year summarizing the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency, and how many hours are spent for non-emergency operation.

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

6.7 For Emission Point AA-005, the permittee shall include the information in paragraphs (a) and (b) of this condition in the annual reports submitted according to Condition 6.4.

(a) Designation of the type of site (i.e., well site, centralized production facility, or compressor station) at which the fugitive emissions components affected facility is located.

(b) For each fugitive emissions monitoring survey performed during the annual reporting period, the information specified in paragraphs (b)(1) through (7) of this condition.

(1) Date of the survey.

(2) Monitoring instrument or, if the survey was conducted by AVO methods, notation that AVO was used.

(3) Any deviations from the monitoring plan elements under Condition 5.10 or a statement that there were no deviations from these elements of the monitoring plan.

(4) Number and type of components for which fugitive emissions were detected.

(5) Number and type of fugitive emissions components that were not repaired as required by Condition 5.13.

(6) Number and type of fugitive emission components (including designation as difficult-to-monitor or unsafe-to-monitor, if applicable) on delay of repair and explanation for each delay of repair.

(7) Date of planned shutdown(s) that occurred during the reporting period if there are any components that have been placed on delay of repair.

(Ref.: 40 CFR 60.5397b(k) and 60.5420b(b)(9), Subpart OOOOb)