

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

**PERMIT**

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

**THIS CERTIFIES THAT**

Gulf South Pipeline Company LLC, Destin Compressor Station  
686 John Bonner Lane  
Vossburg, Mississippi  
Clarke County

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

**MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD**

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**AUTHORIZED SIGNATURE**  
**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

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

**Permit No.:** 0440-00062

**Effective Date:** As specified herein.

**Expires:** [No more than 5 years from the issue date.]

Draft/Proposed October 18, 2024

**Section 1.**

**A. GENERAL CONDITIONS**

1. This permit is for air pollution control purposes only.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
2. This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.4.D.)
3. Any activities not identified in the application are not authorized by this permit.  
(Ref.: Miss. Code Ann. 49-17-29 1.b)
4. The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
5. The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
6. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)
7. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)
8. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and
- b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission.

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

9. Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control.

(Ref.: Miss. Code Ann. 49-17-39)

10. The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(7).)

11. This permit does not authorize a modification as defined in Regulation 11 Miss. Admin. Code Pt. 2, Ch.2., "Permit Regulations for the Construction and/or Operation of Air Emission Equipment." A modification may require a Permit to Construct and a modification of this permit. Modification is defined as "Any physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

- a. Routine maintenance, repair, and replacement;
- b. Use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
- c. Use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
- d. Use of an alternative fuel or raw material by a stationary source which:

- (1) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, or 40 CFR 51.166; or
  - (2) The source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, or 40 CFR 51.166;
- e. An increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I or 40 CFR 51.166; or
- f. Any change in ownership of the stationary source.

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

**B. GENERAL OPERATIONAL CONDITIONS**

1. Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in Regulation, 11 Miss. Admin. Code Pt. 2, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.10.)

2. Any diversion from or bypass of collection and control facilities is prohibited, except as provided for in 11 Miss. Admin. Code Pt. 2, R. 1.10., "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants."

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

3. Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits.

(Ref.: Miss. Code Ann. 49-17-29 1.a(i and ii))

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

- a. Upsets

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

established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).

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

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

5. Compliance Testing: Regarding compliance testing:

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

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

**C. PERMIT RENEWAL / MODIFICATION / TRANSFER / TERMINATION**

1. For renewal of this permit, the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. If the applicant submits a timely and complete application pursuant to this paragraph and the Permit Board, through no fault of the applicant, fails to act on the application on or before the expiration date of the existing permit, the applicant shall continue to operate the stationary source under the terms and conditions of the expired permit, which shall remain in effect until final action on the application is taken by the Permit Board. Permit expiration terminates the

source's ability to operate unless a timely and complete renewal application has been submitted.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.8.)

2. The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(d).)

3. The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(b).)

4. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:
  - a. Persistent violation of any terms or conditions of this permit.
  - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
  - c. A change in federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

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

5. This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.

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

**SECTION 2  
EMISSION POINT DESCRIPTION**

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

Emission Point	Description
AA-000	Facility-Wide
AA-001	3,550 Horsepower (HP) Natural Gas Fired Spark Ignition (SI) Compressor Engine with a Catalytic Oxidizer (Facility Ref. No. C-1). Manufactured February 22, 2007.
AA-003	770 HP Natural Gas Fired SI Emergency Generator Engine (Facility Ref. No. EG-1). Manufactured June 30, 2008.
AA-004	2,100 Gallon Horizontal Condensate Storage Tank (Facility Ref. No. T-1)
AA-005	Truck Loading of Condensate (Facility Ref. No. L-1)
AA-006	0.25 MMBTU/hr Natural Gas Fired Heater (Facility Ref. No. H-1)
AA-009	Natural Gas Venting from Compressor Engine Stack Blowdowns (Facility Ref. No. V-1)
AA-010	Area Emission Releases (Facility Ref. No. V-2)
AA-011	1,000-gallon Horizontal New Oil Storage Tank (Facility Ref. No. T-2)
AA-012	600-gallon Horizontal Used Oil Storage Tank (Facility Ref. No. T-3)
AA-013	600-gallon Horizontal Engine Coolant Storage Tank (Facility Ref. No. T-4)
AA-014	2,100-gallon Horizontal Oily Water Storage Tank (Facility Ref. No. T-5)
AA-015	Natural Gas Venting from Fuel Gas Blowdowns (Facility Ref. No. V-3)
AA-016	Natural Gas Venting from Engine Starting Gas (Facility Ref. No. V-4)
AA-017	Fugitive Equipment Leaks



**SECTION 3  
EMISSION LIMITATIONS AND STANDARDS**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
AA-000	11 Miss. Admin. Code Pt. 2, R. 1.3.A. and 1.3.B.	3.1	Opacity	< 40%
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). as established in the Air Construction Permit issued December 6, 2007	3.2	Operational Restriction	Operating Requirement
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). as established in the Air Construction Permit issued December 6, 2007	3.3	CO	1.4 lbs/hr and 6.1 tpy
		3.4	Formaldehyde	0.4 lbs/hr and 1.7 tpy
		3.5	Operational Restriction	Operating Requirement
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.6	Operational Restriction	Operating Requirement
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.7	PM (Filterable only)	$E = 0.8808 * I^{-0.1667}$
AA-001 and AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.8	Operational Restriction	Operating Requirement
	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants From Stationary Reciprocating Internal Combustion Engines)  40 CFR 63.6585 and 63.6590(a)(2)(iii) and (c)(1), Subpart ZZZZ	3.9	HAP	Applicability only
AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.10	Operational Restriction	Operating Requirement
AA-003 and AA-006	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.11	PM (filterable only)	0.6 lb/MMBTU
AA-006	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.12	SO <sub>2</sub>	4.8 lb/MMBTU

3.1 For Emission Point AA-000, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity. This shall not apply to vision obscuration caused by uncombined water droplets.

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.

Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour.

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

- 3.2 For Emission Point AA-000, the permittee shall not combust any fuel other than pipeline grade natural gas.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). as established in the Air Construction Permit issued December 6, 2007)

- 3.3 For Emission Point AA-001, carbon monoxide (CO) emissions shall not exceed 1.4 pounds per hour (lbs/hr) (3-hour average) or 6.1 tons per year (tpy) (12-month rolling total).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). as established in the Air Construction Permit issued December 6, 2007)

- 3.4 For Emission Point AA-001, formaldehyde emissions shall not exceed 0.4 lbs/hr (3-hour average) and 1.7 tpy (12-month rolling total).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). as established in the Air Construction Permit issued December 6, 2007)

- 3.5 For Emission Point AA-001, the permittee shall only operate the compressor engine with the catalytic oxidizer in place and operating properly. In the event of a failure or malfunction of the catalytic oxidizer, the permittee shall cease operations until such time as repairs are made and the proper efficiency of the catalytic oxidizer is restored.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). as established in the Air Construction Permit issued December 6, 2007)

- 3.6 For Emission Point AA-001, the permittee shall only operate the engine with a catalyst temperature greater than 350 degrees Fahrenheit and less than or equal to 1,350 degrees Fahrenheit, excluding start-up and shutdown.

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

- 3.7 For Emission Points AA-001 and AA-002, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of equal to or greater than 10 million BTU per hour per heat input 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).)

- 3.8 For Emission Points AA-001 and AA-003, the permittee shall install a non-resettable hour meter if one is not already installed.

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

- 3.9 For Emission Points AA-001 and AA-003, the permittee is subject to and shall comply with the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE) (40 CFR 63, Subpart ZZZZ) and the applicable General Provisions (40 CFR 63, Subpart A).

Because Emission Points AA-001 and AA-003 are new stationary RICE located at an area source, the permittee shall meet the requirements of 40 CFR 63, Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart JJJJ. No further requirements of Subpart ZZZZ apply.

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

- 3.10 For Emission Point AA-003, the permittee shall operate the emergency stationary RICE according to the requirements below. In order for the engine to be considered an emergency stationary RICE, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year is prohibited.

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

(b) The permittee shall operate the emergency stationary RICE for any combination of the purposes specified below for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by (c) counts as part of the 100 hours per calendar year. Emergency stationary RICE 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 MDEQ 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 RICE 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 and emergency demand response.

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

- 3.11 For Emission Points AA-003 and AA-006, the maximum permissible emissions of ash and/or particulate matter from fossil fuel burning installations shall not exceed 0.6 pounds per million BTU per hour heat input.

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

- 3.12 For Emission Point AA-006, the maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

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

**SECTION 4  
WORK PRACTICES**

**THIS SECTION WAS INTENTIONALLY LEFT BLANK SINCE NO WORK  
PRACTICE STANDARDS APPLY TO THIS PERMIT ACTION.**

**SECTION 5  
MONITORING AND RECORDKEEPING REQUIREMENTS**

<b>Emission Point</b>	<b>Applicable Requirement</b>	<b>Condition Number(s)</b>	<b>Pollutant/Parameter</b>	<b>Monitoring/Recordkeeping Requirement</b>
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain records for a minimum of 5 years.
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	Maintenance Log	Keep a log of all maintenance activities
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11), as established in the Air Construction Permit issued December 6, 2007	5.3	Pressure Drop	Measure pressure drop across the catalyst once a month
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.4	Catalyst Inlet Temperature	Continuously monitoring the catalyst inlet temperature
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.5	Fuel Usage	Monitor fuel usage
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.6	CO	Biennial stack testing
AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.7	Monitoring	Hours of operation
AA-001 and AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.8	Monitoring	Good air pollution control practices

5.1 For Emission Point AA-000, the permittee shall retain all required records, monitoring data, supporting information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request.

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

5.2 For Emission Point AA-001, the permittee shall inspect the catalytic oxidizer once every six (6) months to ensure proper operation and maintenance. If a catalyst malfunction is detected, the compressor engine shall be taken offline until such a time that repairs can be made.  
All inspections, and any maintenance activities made on the catalytic oxidizer, shall be kept in log form. This log shall include the date the inspection was made, any problems detected, any corrective action taken to fix the problem and the name of the person responsible for conducting the inspection.

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

- 5.3 For Emission Point AA-001, the permittee shall measure the pressure drop across the catalyst once per month during months when the engine operates greater than 60 hours. While recording the pressure drop, the permittee shall record the date, time, and the load in which the engine is operating. Should the pressure drop vary by more than 2 inches of water column from the pressure drop measured during the most recent compliant stack test, the permittee shall, within 15 days, inspect the catalyst for damage, fouling, etc.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11). as established in the Air Construction Permit issued December 6, 2007)

- 5.4 For Emission Point AA-001, the permittee shall continuously monitor the catalyst inlet temperature.

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

- 5.5 For Emission Point AA-001, the permittee shall maintain records of the type and quality of fuels used. The fuel type and quality may be documented using a FERC tariff sheet.

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

- 5.6 For Emission Point AA-001, the permittee shall demonstrate compliance with the carbon monoxide (CO) emission limit by stack testing biennially (not to exceed 25 months from the previous test) in accordance with EPA Reference Method 10 or an EPA approved equivalent.

Biennial testing shall only be required if the engine operated more than 1,000 hours during the prior two-year period. The first two-year period ran from October 1, 2016 through September 30, 2018, with two year periods running on the same schedule thereafter. The permittee shall monitor the catalyst inlet temperature and pressure drop across the catalyst of the engine during the stack test. The unit shall be operated at its maximum operating capacity during testing. Engine operating load data shall be collected and recorded during the test.

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

- 5.7 For Emission Point AA-003, the permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operations, 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).)

- 5.8 For Emission Points AA-001 and AA-003, the permittee shall maintain each stationary internal combustion engine, including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.

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



## SECTION 6 REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report permit deviations within five (5) working days.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.2	Submit certified annual monitoring report.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.3	All documents submitted to MDEQ shall be certified by a Responsible Official.
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.4	Submit deviation reports
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.5	Submit annual monitoring report
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.6	Submit stack test reports
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.7	Submit stack test protocol and notification

6.1 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) working days of the time the deviation began.

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

6.2 Except as otherwise specified herein, the permittee shall submit a certified annual synthetic minor monitoring report postmarked no later than 31st of January for the preceding calendar year. This report shall address any required monitoring specified in the permit. All instances of deviations from permit requirements must be clearly identified in the report. Where no monitoring data is required to be reported and/or there are no deviations to report, the report shall contain the appropriate negative declaration.

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

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

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

6.4 For Emission Point AA-001, the permittee shall report any deviation from the emission limitations or any occurrences where the internal combustion engine operated without the catalyst. This report shall include the time, date, reason for the deviation, and corrective actions or preventive measures taken. The report shall be submitted within five (5) days of the time the deviation began.

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

6.5 For Emission Point AA-001, the permittee shall submit, as part of the annual monitoring required by this permit, the following:

(a) A summary of the records maintained to document the type and quality of fuel combusted. The permittee may use the FERC Tariff to comply with this requirement for natural gas combustion sources.

(b) The percentage of time (excluding start-up and shutdown) in which the engine operated with a catalyst temperature less than 350 degrees Fahrenheit or greater than or equal to 1,350 degrees Fahrenheit.

(c) The data collected during the measuring of the pressure drop across the catalyst.

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

6.6 For Emission Point AA-001, the permittee shall submit the written reports of all required testing results and collected data within sixty (60) days of the date the test is performed. This report shall include the results of the stack test and calculations indicating the emissions.

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

6.7 For Emission Point AA-001, the permittee shall submit a written test protocol at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the MDEQ. Also, the permittee shall notify the MDEQ in writing at least ten (10) days prior to the intended test date(s) so that an observer may be afforded the opportunity to witness the test.

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