

**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, Heidelberg Compressor Station
58 County Road 3711
Heidelberg, Mississippi
Jasper County

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

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: _____

Permit No.: 1300-00048

Effective Date: As specified herein.

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

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-001	4,735 Brake Horsepower (BHP) (33.94 MMBtu/hr) Caterpillar 2001 Model G3616 Four-Stroke Lean Burn (4SLB) Non-Emergency Remote Natural Gas-Fired, Spark Ignition (SI) Reciprocating Internal Combustion Engine (RICE) Compressor Engine
AA-002	4,735 BHP (33.94 MMBtu/hr) Caterpillar 2001 Model G3616 4SLB Non-Emergency Remote Natural Gas-Fired, SI RICE Compressor Engine
AA-003	788 BHP (5.5 MMBtu/hr) Waukesha 2001 Model L36GL 4SLB Natural Gas-Fired, SI RICE Emergency Power Generator
AA-004	8,000 Gallon Lube Oil Tank
AA-005	1,000 Gallon Used Oil Tank
AA-006	1,000 Gallon Condensate Storage Tank
AA-007	1,000 Gallon Ethylene Glycol Storage Tank
AA-008	1,000 Gallon Used Oil/Water Storage Tank

**SECTION 3
EMISSION LIMITATIONS AND STANDARDS**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
Facility Wide	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Opacity	≤ 40 %
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2	Equivalent Opacity	
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.3	Individual HAP	≤ 9.0 tpy
			Total HAP	≤ 24.0 tpy
	3.4	VOC HAP CO NO _x	Emissions Reduction	
AA-001 AA-002 AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.5	Fuel	Pipeline Natural Gas Only
	National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR 63, Subpart ZZZZ	3.6	HAPs	Applicability
	40 CFR 63.6580, 63.6585(a) and (c), 63.6590(a)(1)(iii), Subpart ZZZZ	3.7		Applicability
	40 CFR 60.6625(a) and (b), and 40 CFR 60.6625(e)(3), Subpart ZZZZ	3.8		Operating Restriction
AA-001 AA-002	11 Miss. Admin Code Pt. 2, R. 1.3.D(1)(b).	3.9	PM (filterable only)	$E = 0.8808 * I^{-0.1667}$
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.10	Hours of Operation	<7500 hours/year
		3.11	CO	≤ 97.87 tpy ≤ 26.10 lb/hr
		3.12	Formaldehyde	≤ 3.98 tpy ≤ 1.06 lb/hr
		3.13	NO _x	≤ 27.42 tpy ≤ 7.31 lb/hr
AA-003	11 Miss. Admin Code Pt. 2, R. 1.3.D(1)(a).	3.14	PM (filterable only)	0.6 lb/MMBtu
	40 CFR 63.6655(a), (b), and (d)-(f), Subpart ZZZZ	3.15	HAPs	Install a non-resettable hour meter
	40 CFR 63.6640(f), Subpart ZZZZ	3.16	Operating Requirement	Emergency operational requirements

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

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

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

- 3.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contamination of such opacity as to observe an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Condition 3.1. This shall not apply to vision obscuration caused by uncombined water droplets.

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

- 3.3 For the entire facility, the permittee shall limit individual Hazardous Air Pollutants (HAP) to no more than 9.0 tons/year and total HAPs to no more than 24.0 tons/year as determined for each consecutive 12-month period on a rolling monthly basis.

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

- 3.4 For the entire facility, the permittee shall ensure all air emission equipment is 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).)

- 3.5 For Emission Points AA-001, AA-002, and AA-003, the permittee shall combust pipeline natural gas only.

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

- 3.6 For Emission Points AA-001, AA-002, and AA-003, the permittee is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR 63, Subpart ZZZZ and the General Provisions, 40 CFR 63, Subpart A.

Emission Points AA-001 and AA-002 are existing non-emergency SI 4SLB remote stationary RICE with a site rating of more than 500 HP located at an area source of HAP.

Emission Point AA-003 is an emergency SI 4SLB stationary RICE with a site rating of more than 500 brake HP located at an area source of HAP.

(Ref.: 40 CFR 63.6580, 63.6585, 63.6590(a)(1)(iii), and 63.6595, Subpart ZZZZ)

- 3.7 For Emission Points AA-001, AA-002, and AA-003, the permittee must be in compliance with the emission limitations, operating limitations, and other requirements in 40 CFR 63 Subpart ZZZZ applicable to permittee at all times. The permittee must operate and maintain any affected source, including associated air pollution equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not

require you to make any further efforts to reduce emissions if levels required by 40 CFR 63 Subpart ZZZZ have been achieved.

(Ref.: 40 CFR 63.6605(a) and (b), 60.6625(e)(3), Subpart ZZZZ)

- 3.8 For Emission Points AA-001, AA-002, and AA-003, the permittee shall minimize the engines' time spent idle and minimize the engines' startup times at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

(Ref.: 40 CFR 60.6625(h), Subpart ZZZZ)

- 3.9 For Emission Points AA-001 and AA-002, the maximum permissible emission of ash and/or particulate matter shall not exceed an emission rate as determined by the relationship:

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

where E is the emission rate in pounds per mission Btu per hour heat input and I is the heat input in missions of Btu per hour.

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

- 3.10 For Emission Points AA-001 and AA-002, the permittee is limited to a combined hourly operation limit of 7,500 hours/year based on a 365-day rolling total.

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

- 3.11 For Emission Points AA-001 and AA-002, the permittee shall limit Carbon Monoxide (CO) emissions to 26.10 pounds/hour and 97.87 tons/year. The pound/hour emission limitation applies to each of the two (2) compression engines individually, and the tons/year limitation is the combined total limit for both engines.

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

- 3.12 For Emission Points AA-001 and AA-002, the permittee shall limit the cumulative Formaldehyde (CH₂O) emissions to 1.06 pounds/ hour and 3.98 tons/year. The pound/hour emission limitation applies to each of the two (2) compression engines individually, and the tons/year limitation is the combined total limit for both engines.

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

- 3.13 For Emission Points AA-001 and AA-002, the permittee shall limit the cumulative Nitrogen Oxide (NO_x) emissions to 7.31 pounds per hour and 27.42 tons per year. The pound/hour emission limitation applies to each of the two (2) compression engines individually, and the tons/year limitation is the combined total limit for both engines.

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

- 3.14 For Emission Point AA-003, the maximum permissible 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).)

- 3.15 For Emission Point AA-003, the permittee shall install and operate a non-resettable hour meter on the emergency engine if one is not already installed.

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

- 3.16 For Emission Point AA-003, the permittee shall operate the emergency engine according to the requirements below:
- (a) An emergency stationary RICE engine has no time limit for its use during emergency situations;
 - (b) The permittee shall operate the emergency stationary RICE for a maximum of 100 hours per calendar year 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 each engine beyond 100 hours per calendar year.
 - (c) The engine may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing

If the emergency engine is not operated according to the requirements in (a) - (c) above, the engine will not be considered an emergency engine under this subpart and will need to meet any applicable requirements for a non-emergency engine.

(Ref.: 40 CFR 63.6640(f) and 63.6675, Subpart ZZZZ)

**SECTION 4
WORK PRACTICES**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Work Practice
AA-001 AA-002	40 CFR 63.6603(a), (f), 63.6625(j), and Item 8 of Table 2d, Subpart ZZZZ	4.1	Maintenance	Scheduled maintenance activities
AA-003	40 CFR 63.6603(a), (f), 63.6625(j), and Item 5 of Table 2d, Subpart ZZZZ	4.2		

4.1 For Emission Points AA-001 and AA-002, the permittee shall comply with the following requirements:

- (a) Change oil and filter every 2,160 hours of operation or annually, whichever comes first. The permittee has the option to utilize an oil analysis program as specified in 40 CFR 63.6625(j) to extend the oil change requirement above;
- (b) Inspect spark plugs every 2,160 hours of operation or annually, whichever comes first, and replace as necessary; and
- (c) Inspect all hoses and belts every 2,160 hours of operation or annually, whichever comes first, and replace as necessary.

(Ref.: 40 CFR 63.6603(a), (f), 63.6625(j), and Item 8 of Table 2d, Subpart ZZZZ)

4.2 For Emission Point AA-003, the permittee shall comply with the following requirements:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first. The permittee has the option to utilize an oil analysis program as specified in 40 CFR 63.6625(j) to extend the oil change requirement above;
- (b) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the work practices according to the schedule listed in (a)-(c) above, or if performing the work practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the work practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The work practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.

(Ref.: 40 CFR 63.6603(a), (f), 63.6625(j), and Item 5 of Table 2d, Subpart ZZZZ)

**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 five (5) years
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	HAP	Monitoring and Recordkeeping Requirements
		5.3	NO _x CO	Monitoring and Recordkeeping Requirements
		5.4	Fuel	Monitoring and Recordkeeping Requirements
AA-001 AA-002 AA-003	40 CFR 63.6625(e), (h), and (j), Subpart ZZZZ	5.5	Recordkeeping	Recordkeeping Requirements
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.6		Record Hours of Operation
		5.7	NO _x CO CH ₂ O	Performance Stack Testing Requirements
	40 CFR 63.6603(f), Subpart ZZZZ	5.8	Recordkeeping	Recordkeeping Requirements
	40 CFR 63.6655(a), (d), and (e), Subpart ZZZZ	5.9		Recordkeeping Requirements
AA-003	40 CFR 63.6655(d), (e), and (f)(2), 63.6660, Subpart ZZZZ	5.10		Recordkeeping Requirements

5.1 The permittee shall retain all required records, monitoring data, supporting information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes 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 the entire facility, the permittee shall demonstrate compliance with the individual HAP and combined HAP tons per year limitations by calculating and recording individual and total HAP emissions each month and for each consecutive 12-month period on a rolling basis. The permittee shall use the appropriate emission factors from the most recent performance test and the hours of operation for calculating emissions from Emission Points AA-001 through AA-003. These records shall be maintained in accordance with Condition 5.1.

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

5.3 For the Entire Facility, the permittee shall demonstrate compliance with the NO_x and CO tons per year limitations by calculating and recording NO_x and CO emissions each month and for each consecutive 12-month period on a rolling basis. The permittee shall use the appropriate emission factors from the most recent performance test and hours of operation for calculating emissions from Emission Points AA-001 through AA-003. These records shall be maintained in accordance with Condition 5.1.

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

- 5.4 For Emission Points AA-001, AA-002, and AA-003, the permittee shall maintain records of the type and quantity of fuels used on a monthly basis in accordance with Condition 5.1.

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

- 5.5 For Emission Points AA-001, AA-002, and AA-003, the permittee must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

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

- 5.6 For Emission Points AA-001 and AA-002, the permittee shall record the hours of operation each day and for each consecutive 12-month period on a rolling basis for each emission unit.

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

- 5.7 For Emission Points AA-001 and AA-002, the permittee shall demonstrate compliance with NO_x, CO, and formaldehyde emission limitations by biennially stack testing in accordance with an approved EPA test method. The permittee shall test Emission Points AA-001 and AA-002 on alternate years. The stack testing shall not exceed 25 months from the previous test.

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

- 5.8 For Emission Points AA-001 and AA-002, the permittee shall demonstrate that both emission points meet the definition of remote stationary RICE on an annual basis. A remote stationary RICE for the permittee must meet the following criteria:

- (a) On a pipeline segment with 10 or fewer buildings intended for human occupancy and no buildings with four or more stories within 220 yards (200 meters) on either side of the centerline of any continuous 1-mile (1.6 kilometers) length of pipeline. Each separate dwelling unit in a multiple dwelling unit building is counted as a separate building intended for human occupancy.
- (b) On a pipeline segment does not lie within 100 yards (91 meters) of either a building or a small, well-defined outside area (such as a playground, recreation area, outdoor theater, or other place of public assembly) that is occupied by 20 or more persons on at least 5 days a week for 10 weeks in any 12-month period. The days and weeks need not be consecutive. The building or area is considered occupied for a full day if it is occupied for any portion of the day.

If the annual evaluation indicates AA-001 and/or AA-002 no longer meet the definition of remote stationary RICE, the permittee shall comply with all appropriate requirements within 40 CFR 63, Subpart ZZZZ that apply to stationary RICE within 1 year of the evaluation.

(Ref.: 40 CFR 63.6603(f), Subpart ZZZZ)

- 5.9 For Emission Points AA-001 and AA-002, the permittee shall keep the following records, as applicable:

- (a) A copy of each notification and report submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that the permittee has submitted;
- (b) Records of the occurrence and duration of each malfunction of operation or the air pollution control and monitoring equipment;
- (c) Records of all required maintenance performed on the air pollution control and monitoring equipment;
- (d) Records of actions taken during periods of malfunction to minimize emission as described in Condition 3.7, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation;
- (e) Records of operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or the permittee shall develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions;
- (f) Records of maintenance conducted, which shall demonstrate the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the permittee's maintenance plan.

The permittee shall keep all records in a form suitable and readily available for expeditious review and retained as described in Condition 5.1.

(Ref.: 40 CFR 63.6655(a), (d), and (e), and 40 CFR 63.6660, Subpart ZZZZ)

5.10 For Emission Point AA-003, the permittee shall permittee shall keep the following records, as applicable:

- (a) Records of operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or the permittee shall develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions;
- (b) Records of maintenance conducted, which shall demonstrate the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the permittee's maintenance plan;
- (c) Records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as an emergency and how many hours were spent for non-emergency operation.

The permittee shall keep all records in a form suitable and readily available for expeditious review and in accordance with Condition 5.1.

(Ref.: 40 CFR 63.6655(d), (e), and (f)(2), and 40 CFR 63.6660, Subpart ZZZZ)

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.
		6.2	Submit certified annual monitoring report.
		6.3	All documents submitted to MDEQ shall be certified by a Responsible Official.
		6.4	Individual HAPs Total HAPs CO NO _x
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.5	Hours of Operation
		6.6	Submit annual report fuel monitoring records.
AA-003	40 CFR 63.6640(b) and 63.6650(c), Subpart ZZZZ	6.7	Annual Deviation Report
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.8	Stack Test Notification
		6.9	Stack test reporting

- 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 The permittee shall submit an annual report in accordance with Condition 6.2, of the Individual HAPs, Total HAPs, CO, and NO_x emissions in tons per year.
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)
- 6.5 For Emission Points AA-001, AA-002, and AA-003, the permittee shall report the hours of operations of the engines in accordance with Condition 6.2. This report shall also contain the information required by Condition 5.10c.

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

- 6.6 For Emission Points AA-001, AA-002, and AA-003, the permittee shall submit in accordance with Condition 6.2 a copy of the Gas Quality Section of the current valid purchase contract, tariff sheet or transportation contract for natural gas combusted in the compressor engines and emergency generator.

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

- 6.7 For Emission Points AA-001, AA-002, and AA-003, the permittee shall report in accordance with Condition 6.2 each instance in which the permittee did not meet the operating limitation in Conditions 4.1 and 4.2. These instances are deviations from the operating limitations 40 CFR 63, Subpart ZZZZ. These deviations must be reported according to the requirements below.

- (a) Company Name and Address
- (b) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
- (c) Date of report and beginning and ending dates of the reporting period.
- (d) If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with Condition 3.7, including actions taken to correct a malfunction.
- (e) If there are no deviations from any emission or operating limitations that apply to you, a statement that there were no deviations from the emission or operating limitations during the reporting period.
- (f) For each deviation from an operating limitation that occurs for a stationary RICE
 - (1) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.
 - (2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(Ref.: 40 CFR 63.6640(b), and 63.6650(c), Subpart ZZZZ)

- 6.8 For Emission Points AA-001 and AA-002, 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 DEQ. Also, the permittee shall notify the DEQ 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).)

- 6.9 For Emission Points AA-001 and AA-002, the permittee shall report stack testing results within sixty (60) days of conducting the stack test.

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