

# STATE OF MISSISSIPPI AIR POLLUTION CONTROL PERMIT

TO CONSTRUCT AIR EMISSIONS EQUIPMENT

## THIS CERTIFIES THAT

Goodrich Petroleum Company LLC,  
CMR Foster Creek 8H Central Facility  
Centreville, Mississippi  
Wilkinson County

*31°08'44.30"N*

*91°08'23.20"W*

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: Jan 08 2015

Modified: DEC 11 2019

Permit No.: 2940-00039

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

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

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).)

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).)

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 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).)

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).)

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).)

9. 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).)

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.)

11. Solids Removal: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may 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)

12. Diversion and Bypass of Air Pollution Controls: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed 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.)

13. 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).)

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 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 emissions.

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

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.)

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)

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.)

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).)

19. Permit Expiration: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more.

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

21. Beginning Operation: Except as prohibited in Section 1, Condition 24 of this permit, 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).)

22. Application for a Permit to Operate: Except as otherwise specified in Section 1, Condition 24 of this permit, 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).)

23. Operating Under a Permit to Construct: Except as otherwise specified in Section 1, Condition 24 of this permit, 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).)

24. Application Requirements for a Permit to Operate for Moderate Modifications: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to “net” out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7).)

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).)

26. Deviation Reporting: 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(10).)

27. 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).)

**B. GENERAL NOTIFICATION REQUIREMENTS**

1. 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).)

2. 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).)

3. 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).)

4. 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).)

## SECTION 2 EMISSION POINT DESCRIPTION

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

Emission Point	Facility Designation	Description
AA-001	5-14-F	Control Flare (3.86 MMSCF/yr)
AA-002	17-14-LL	Loading Losses – Oil Transfer to Tank Truck
AA-004	3-14-ICE-ES	7.9 HP Internal Combustion Engine – Exhaust Stack (Honda GX240; Circulating Pump)
AA-005	1-14-HT-BS	Heater Treater – Burner Stack (0.5 MMBtu/Hr)
AA-006	20-14-CST	225 Gallon Chemical Storage Tank
AA-010	18-14-PC	Pneumatic Controllers
AA-011	4a-14-OST-CV	400 BBL Oil Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-012	4b-14-OST-CV	400 BBL Oil Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-013	4c-14-OST-CV	400 BBL Oil Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-014	4d-14-WST-CV	400 BBL Water Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-015	4e-14-WST-CV	400 BBL Water Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-016	4f-14-WST-CV	400 BBL Water Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-017	9-14-BV	Blowcase Vessel (Drip Pot)
AA-018	10-14-BV	Blowcase Vessel (Flare Liquids)
AA-019	11-14-BV	Blowcase Vessel (Pump Skid Fluids)
AA-020	21-14-LOT	55 Gallon Lube Oil Tank
AA-021	19-14-FE	Fugitive Emissions
AA-022	4g-14-OST-CV	400 BBL Oil Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-023	4h-14-OST-CV	400 BBL Oil Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-024	4i-14-OST-CV	400 BBL Oil Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-025	4j-14-OST-CV	400 BBL Water Storage Tank – Common Vent, Emissions Routed to Flare AA-001
AA-026	22-14-HT-BS	Heater Treater – Burner Stack (0.5MMBtu/hr)



AA-027	23-24-ICE-ES	226 HP Internal Combustion Engine – Exhaust Stack (Waukesha 1905; Jet Pump)
AA-028	29-15-ICE-ES	226 HP Internal Combustion Engine – Exhaust Stack (Waukesha 1905; Jet Pump)
AA-029	24-15-LOT	55 Gallon Lube Oil Tank
AA-030	25-15-CST	135 Gallon Chemical Storage Tank
AA-031	26-15-CST	135 Gallon Chemical Storage Tank
AA-032	27-15-CST	135 Gallon Chemical Storage Tank
AA-033	28-15-CST	135 Gallon Chemical Storage Tank
AA-034	30-16-LOT	55 Gallon Lube Oil Tank
AA-035	31-16-LOT	55 Gallon Lube Oil Tank
AA-036	32-16-LOT	330 Gallon Lube Oil Tank
AA-037	33-16-LOT	330 Gallon Lube Oil Tank
	34-19-CST	135 Gallon Chemical 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	Smoke	Opacity shall not exceed 40%
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2		
	11 Miss. Admin. Code Pt. 2, R. 1.4.B(2).	3.3	H <sub>2</sub> S	Shall not exceed one grain per 100 scf
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.4	Fuel Requirement	Shall combust only produced gas, propane, or gasoline
		3.5	VOC HAP	Route all produced gas to the flare
AA-001 AA-004 AA-005 AA-026 AA-027 AA-028	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.6	PM (Filterable only)	Emissions shall not exceed 0.6 lbs/MMBtu
AA-005 AA-026	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.7	SO <sub>2</sub>	Emissions shall not exceed 4.8 lbs/MMBtu
AA-004	40 CFR 63, Subpart ZZZZ  (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines)  40 CFR 63.6590(c)(1), Subpart ZZZZ	3.8	VOC HAP	General Applicability
	40 CFR 60, Subpart JJJJ  (Standards of Performance for Stationary Spark Ignition Internal Combustion Engines)  40 CFR 60.4230(a)(1), Subpart JJJJ	3.9	VOC HAP	General Applicability
	40 CFR 60.4233(a), Subpart JJJJ	3.10		Emission Standards
	40 CFR 60.4243(a)(1), Subpart JJJJ	3.11		Initial Compliance

AA-027 AA-028	40 CFR 63.6590(a)(1)(iii), Subpart ZZZZ	3.12	VOC HAP	General Applicability
	40 CFR 63.6605, Subpart ZZZZ	3.13		Initial Compliance

3.1. For the entire facility, the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) and (b).

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

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

3.2. For the entire facility, except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of forty (40) percent 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 not permit the emission of any gas stream which contains hydrogen sulfide (H<sub>2</sub>S) in excess of one grain per 100 standard cubic feet. Gas streams containing hydrogen sulfide in excess of one grain per 100 standard cubic feet shall be incinerated at temperatures of no less than 1600 °F for a period of no less than 0.5 seconds or processed in such a manner which is equivalent to or more effective for the removal of hydrogen sulfide.

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

3.4. For the entire facility, the permittee shall only combust produced natural gas, commercial grade propane, or gasoline.

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

- 3.5. For the entire facility, the permittee shall route all produced gas emissions to the process flare (Emission Point AA-001). Emission Point AA-001 is required to be operational as long as it is safe and practical for the flare to be in operation without the use of supplemental fuels. If the amount of produced gas reaches a level where operation of Emission Point AA-001 is no longer safe or practical, then those emissions may be vented to the atmosphere.

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

- 3.6. For Emission Points AA-001, AA-004, AA-005, AA-026, AA-027, and AA-028 the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input 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).)

- 3.7. For Emission Points AA-005 and AA-026, the permittee shall not discharge sulfur oxides from any fuel burning installation in which fuel is burned primarily to produce heat or power by indirect heat transfer in excess of 4.8 pounds per MMBTU heat input (measured as sulfur dioxide).

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

- 3.8. For Emission Point AA-004, the permittee is subject to 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE). Emission Point AA-004 is a new RICE located at an area source of HAPs. Therefore, compliance with 40 CFR Part 63, Subpart ZZZZ shall be achieved by meeting all applicable requirements of 40 CFR Part 60, Subpart JJJJ. No further requirements apply for such engines under NESHAP Subpart ZZZZ.

(Ref.: 40 CFR 63.6590(c)(1), Subpart ZZZZ)

- 3.9. For Emission Point AA-004, the permittee is subject to and shall comply with all applicable conditions of Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, 40 CFR Part 60, Subpart JJJJ. This Emission Point is classified as an existing, non-emergency, Spark Ignition (SI), stationary, 4-stroke, Reciprocating Internal Combustion Engine (RICE) with a maximum engine power less than 25 horsepower (HP) located at an area source of Hazardous Air Pollutants (HAPs).

(Ref.: 40 CFR 60.4230(a)(1), Subpart JJJJ)

- 3.10. For Emission Point AA-004, the permittee must comply with the emissions standards in 40 CFR 60.4231(a) over the entire life of the engine.  
(Ref.: 40 CFR 60.4233(a), Subpart JJJJ)
- 3.11. For Emission Point AA-004, the permittee shall demonstrate compliance with Condition 3.10 by purchasing an engine certified to the emissions standards specified in 40 CFR 60.4231(a).  
(Ref.: 40 CFR 60.4243(a)(1), Subpart JJJJ)
- 3.12. For Emission Points AA-027 and AA-028, the permittee is subject to 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE). Emission Points AA-027 and AA-028 are existing, non-emergency,  $\geq 30$  liters, Spark Ignition (SI), 4-stroke, rich burn, Reciprocating Internal Combustion Engine (RICE) with a rated engine power of 226 horsepower (HP) located at an area source of HAPs.  
(Ref.: 40 CFR 63.6590(a)(1)(iii), Subpart ZZZZ)
- 3.13. For Emission Points AA-027 and AA-028, the permittee shall be in compliance with the operating limitations and other applicable requirements of this permit at all times. The permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safe and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by Subpart ZZZZ have been achieved.  
(Ref.: 40 CFR 63.6605, Subpart ZZZZ)

**SECTION 4  
WORK PRACTICES**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Work Practice
Facility Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)	4.1	VOC HAP	Operate all equipment as efficiently as possible and perform routine maintenance
AA-027 AA-028	40 CFR 63.6603(a), Subpart ZZZZ	4.2	VOC HAP	Operational Requirement
	40 CFR 63.6625(e)(8), Subpart ZZZZ	4.3		

4.1. For the entire facility, in order to minimize the emissions of air pollutants, the permittee shall operate all air emissions equipment as efficiently as possible. Furthermore, the permittee shall perform routine maintenance on all air emissions equipment such that the equipment may be operated in an efficient manner.

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

4.2. For Emission Points AA-027 and AA-028, the permittee shall operate the RICE according to the requirements specified in paragraphs (a) through (c):

- (a) Change oil and filter every 1,440 hours of operation or annually, whichever comes first; and
- (b) Inspect spark plugs every 1,440 hours of operation or annually, whichever comes first; and
- (c) Inspect all hoses and belts every 1,440 hours of operation or annually, whichever comes first, and replace as necessary.

As per 40 CFR 63.6625(j), the permittee also has the option of utilizing an oil analysis program in order to extend the above specified oil change requirement. The oil analysis must be performed at the same frequency specified for changing the oil. The analysis program must at a minimum analyze the following three parameters: Total Acid Number, viscosity, and percent water content.

(Ref.: 40 CFR 63.6603(a), Item 11 of Table 2d, Subpart ZZZZ)

4.3. For Emission Points AA-027 and AA-028, the permittee shall operate and maintain the stationary RICE according to the manufacturer's emission-related written instructions or develop a maintenance plan which shall 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)(8), Subpart ZZZZ)

**SECTION 5  
MONITORING AND RECORDKEEPING REQUIREMENTS**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement
AA-004	40 CFR 60.4243(a)(1), Subpart JJJJ	5.1	VOC HAP	Recordkeeping
	40 CFR 60.4245(a), Subpart JJJJ	5.2		
AA-027 AA-028	40 CFR 63.6655(a, d, e), Subpart ZZZZ	5.3	VOC HAP	Recordkeeping
	40 CFR 63.6660, Subpart ZZZZ	5.4		

5.1. For Emission Point AA-004, the permittee shall keep records of conducted maintenance to demonstrate compliance with Conditions 3.10 and 3.11, but no performance testing shall be required.

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

5.2. For Emission Point AA-004, the permittee shall keep records of the information in paragraphs (a) through (d):

- (a) All notifications submitted to comply with Subpart JJJJ and all documentation supporting any notification.
- (b) Maintenance conducted on the engine.
- (c) For certified stationary SI internal combustion engines, documentation from the manufacturer that the engine is certified to meet the emissions standards in 40 CFR parts 90, 1048, 1054, and 1060, as applicable.
- (d) For non-certified stationary SI internal combustion engines, documentation that the engine meets the emission standards required by Condition 3.10.

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

5.3. For Emission Points AA-027 and AA-028, the permittee shall keep the records listed below:

- (a) A copy of each notification and report submitted by the permittee that comply with Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that is submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).
- (b) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

- (c) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).
- (d) Records of all required maintenance performed on the air pollution control and monitoring equipment.
- (e) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- (f) The permittee shall keep the records required in Table 6 of Subpart *ZZZZ* to show continuous compliance with each emission and operating limitation.
- (g) The permittee shall keep records of the maintenance conducted on the existing stationary RICE in order to demonstrate that Emission Points AA-027 and AA-028 were operated and maintained according to the maintenance plan.

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

- 5.4. For Emission Points AA-027 and AA-028, records shall be kept in a form suitable and readily available for expeditious review. Each record shall be kept readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

(Ref.: 40 CFR 63.6660, Subpart *ZZZZ*)



**SECTION 6**  
**REPORTING REQUIREMENTS**

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
<i>This Section Has Been Intentionally Left Blank</i>			