

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

**TO CONSTRUCT AIR EMISSIONS EQUIPMENT**

## **THIS CERTIFIES THAT**

Pruet Production Company, Board of Education 16-10 Number 1  
Well Road  
Off of Highway 13  
Morton, Mississippi  
Scott County

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

**MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD**

  
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**AUTHORIZED SIGNATURE**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Issued: January 18, 2018**

**Permit No.: 2420-00053**

**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.

<b>Emission Point</b>	<b>Description</b>
AA-001	10.25 MMBtu/hr Control Flare
AA-002	Power Oil Engine Pump Natural gas or propane fired Pre-2006 200 hp, 4SRB SI ICE, Displacement per cylinder < 10 Liters
AA-003	Fugitive Emissions from Equipment Leaks
AA-004	Heater Treater Emissions routed to Control Flare
AA-005	Miscellaneous Chemical Tanks
AA-006	Oil and Water Storage Tanks Emissions routed to Control Flare
AA-007	Truck Loading Emissions routed to Control Flare

Oil and Water Storage Tanks (AA-006)	
Emission Point	Description
TK 01	Crude Oil 21,000 gallons
TK 02	Crude Oil 16,800 gallons
TK 03	Crude Oil 16,800 gallons
TK 04	Produced Water 16,800 gallons
TK 05	Methanol Storage 330 gallons
TK 06	Anti-foam 250 gallons
TK 07	Emulsion Breaker Storage 250 gallons
TK 08	Corrosion Inhibitor Storage 55 gallons



### 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(1).	3.1	Smoke	Opacity $\leq$ 40%
AA-001	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.2	PM (Filterable only)	$E = 0.8808 * I^{-0.1667}$
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.3	PM (Filterable only)	Emissions shall not exceed 0.6 lbs/MMBtu
	40 CFR 63, Subpart ZZZZ (§63.6585(b), §63.6590(a)(1)(iii))	3.4	HAPs	General Applicability
	40 CFR 63, Subpart ZZZZ (§63.6603(a)) Item 10 of Table 2d of Subpart ZZZZ	3.5	HAPs	Operational Requirement
	40 CFR 63, Subpart ZZZZ (§63.6605)	3.6	HAPs	Air pollution control practices.
AA-001 AA-002	11 Miss. Admin. Code Pt. 2, R. 1.4. B(2).	3.7	H <sub>2</sub> S	H <sub>2</sub> S emissions shall not exceed one grain per 100 standard cubic feet.
AA-003	40 CFR 60, Subpart OOOOa (§60.5365a(e) and (i))	3.8	VOCs	General Applicability
	40 CFR 60, Subpart OOOOa (§60.5397a(a) and (b))	3.9		Operational Requirement
AA-004 AA-006 AA-007	11 Miss. Admin. Code Pt. 2, R. 2.2. B(10).	3.10	VOCs HAPs	Operational Requirement

3.1. Smoke

- (a) 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 (b) and (c).
- (b) Startup operations may produce emissions which exceed 40% 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.
- (c) 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-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 Emission Point AA-001, 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).)

- 3.3. For Emission Point AA-002, 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 per million BTU per hour heat input.

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

- 3.4. Emission Point AA-002 is a stationary reciprocating internal combustion engine (RICE) constructed prior to June 12, 2006. The emission point is operating as an existing affected source located at an area source for HAP emissions; therefore, AA-002 is subject to and shall comply with all applicable requirements of National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR 63, Subpart ZZZZ) and General Provisions (40 CFR 63, Subpart A). (Ref.: 40 CFR 63, Subpart ZZZZ; §63.6585(a) and (c), §63.6590(a)(1)(iii))
- 3.5. For Emission Point AA-002, the permittee must meet the following requirements, listed below:
- (a) Change oil and filter every 1,440 hours of operation or annually, whichever comes first.
  - (b) Inspect spark plugs every 1,440 hours of operation or annually, whichever comes first.
  - (c) Inspect all hoses and belts every 1,440 hours of operation or annually, whichever comes first, and replace as necessary.
- (Ref.: 40 CFR 63, Subpart ZZZZ; §63.6603(a), Item 10 of Table 2d to Subpart ZZZZ)
- 3.6. For Emission Point AA-002, the permittee must be in compliance with the emission limitations, operating limitations, and other requirements of Subpart ZZZZ at all times. The permittee must operate AA-002 in a manner consistent with safety 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 this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to MDEQ which may include, but is not limited to monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. (Ref.: 40 CFR 63, Subpart ZZZZ; §63.6605)

- 3.7. For Emission Points AA-001 and AA-002, the permittee shall not cause or permit the emission of any gas stream which contains hydrogen sulfide 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 not less than 1600 °F for a period of not less than 0.5 seconds, or processed in such manner which equivalent to or more effective for the removal of hydrogen sulfide.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4. B(2).)
- 3.8. For Emission Point AA-003, the facility is subject to and shall comply with all applicable conditions of Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015. AA-003 is the collection of fugitive emissions components from equipment leaks at a well site. All oil storage tanks and water storage tanks will have potential emissions less than 6 tpy when considering the flare as a permitted control device; therefore, Subpart OOOOa is not applicable to any storage tank.  
(Ref. 40 CFR 60, Subpart OOOOa; §60.5365a(e) and (i))
- 3.9. For Emission Point AA-003, the permittee must monitor all fugitive emission components. The permittee must repair all sources of fugitive emissions, keep records and report to remain in compliance with Subpart OOOOa. For the purposes of Subpart OOOOa, fugitive emissions are defined as: Any visible emission from a fugitive emissions component observed using optical gas imagining or an instrument reading of 500 ppm or greater using Method 21.  
The permittee must develop an emissions monitoring plan that covers the collection of fugitive emissions components at the well site within each company-defined area in accordance with paragraphs (c) and (d) of §60.5397a.  
(Ref. 40 CFR 60, Subpart OOOOa; §60.5397a(a) and (b))
- 3.10. For Emission Points AA-004, AA-006, and AA-007, the permittee shall route all emissions to Emission Point AA-001 (Control Flare).  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2. B(10).)

**SECTION 4**  
**WORK PRACTICES**

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Work Practice
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2. B(10).	4.1	VOCs HAPs	Operational Requirement
AA-002	40 CFR 63, Subpart ZZZZ (§63.6625(e)(8), §63.6640(a))  Item 9 of Table 6 of Subpart ZZZZ	4.2	HAPs	Operational Requirement

- 4.1. For Emission Point AA-001, the permittee shall operate Emission Point AA-001 (Control Flare) according to the requirements specified in paragraphs (a) through (e):
- (a) The control flare shall be operated at all times when emissions may be vented to it.
  - (b) The control flare shall be operated and maintained according to the manufacturer's recommendations.
  - (c) The control flare shall be operated with no visible emissions as determined by EPA Method 22, except for periods not to exceed a total of five (5) minutes during any two (2) consecutive hours.
  - (d) The permittee shall maintain a control flare pilot flame, auto ignitor, or any equivalent device at all times when emissions may be vented to the control flare.
  - (e) The control flare shall only be used with a combustion gas mixture whose net heating value is 300 BTU/scf or greater if the control flare is air or steam-assisted. If the control flare is non-assisted, the flare shall only be used with a combustion gas mixture whose net heating value is 200 BTU/scf or greater.
- (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2. B(10).)
- 4.2. For Emission Point AA-002, 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, Subpart ZZZZ; §63.6625(e)(8), §63.6640(a), and Item 9 of Table 6 of Subpart ZZZZ)

### SECTION 5 MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2. B(11).	5.1	VOCs	Monitoring
		5.2	HAPs	Recordkeeping
AA-002	40 CFR 63, Subpart ZZZZ (§63.6655(a), §63.6655(d), §63.6655(e)(3))	5.3	HAPs	Recordkeeping
	40 CFR 63, Subpart ZZZZ (§63.6660)	5.4		Recordkeeping
AA-003	40 CFR 60, Subpart OOOOa (§60.5397a(c), (d), (e), (f)(1), (g)(1))	5.5	VOCs	Fugitive emissions monitoring plan.
	40 CFR 60, Subpart OOOOa (§60.5397a(h), (i), (j))	5.6		Standards for repair and replacing fugitive emissions sources.
	40 CFR 60, Subpart OOOOa (§60.5410a(j))	5.7		Initial Compliance
	40 CFR 60, Subpart OOOOa (§60.5420a(c))	5.8		Maintain the records identified as specified in §60.7(f) and in §60.5420a(c). All records must be maintained at least 5 years.

- 5.1. For Emission Point AA-001, the permittee shall comply with the following monitoring requirements listed below:
- (a) Monitor the presence of the control flare pilot flame or auto ignitor by using a thermocouple or equivalent device, or a visual observation of the presence of a flame daily.
  - (b) Perform weekly visual observations of the control flare for a minimum of five (5) minutes during operations using EPA Method 22. If smoke is observed, corrective actions shall be taken. To demonstrate compliance with the visible emissions limitation in Condition 4.1(c), the permittee shall perform a follow-up visual observation for a period of two (2) hours using EPA Method 22 immediately after the appropriate corrective action(s) has been made.
  - (c) Perform an annual field gas analysis to determine the net heating value of the gas being combusted by the control flare.
  - (d) Determine the volume of gas being combusted by the flare using gas flow measurement, gas analysis, calculations, and other relevant information.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2. B(11).)
- 5.2. For Emission Point AA-001, the permittee shall keep the following records listed below:
- (a) Keep records of all maintenance performed on the control flare in order to operate the control flare according to the manufacturer's recommendations.
  - (b) Maintain hourly records of the thermocouple or equivalent device output demonstrating the presence of a flame in the control flare whenever the control flare is in operation. If the permittee is complying with the flame detection requirement using the visual observation requirement, then the permittee shall maintain daily records which document that the observation occurred, the date and time of the observation, whether or not the flame was present, and what, if any, corrective actions were taken.
  - (c) Maintain records of all visual observations, the nature and cause of any visible emissions, the date and time when the visual observations were conducted and any corrective action(s) that were taken.
  - (d) Maintain records of the annual field gas analysis performed to determine the net heating value of the combusted gas.
  - (e) Keep monthly records of the gas being combusted in scf.  
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2. B(11).)

5.3. For Emission Point AA-002, the permittee must keep the records described below:

- (a) A copy of each notification and report submitted by the permittee to comply with Subpart ZZZZ, including all documentation supporting any initial Notification or Notification of Compliance Status that is submitted, according to the requirement in §63.10(b)(2)(xiv).
- (b) Records of the occurrence and duration of each malfunction of operation or the air pollution control and monitoring equipment.
- (c) Records of performance tests and performance evaluations as required by §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 §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.

The permittee must keep the records required in Table 6 of Subpart ZZZZ (Condition 4.1) to show continuous compliance with each emission and operating limitation.

The permittee must keep records of the maintenance conducted on the existing stationary RICE in order to demonstrate that AA-002 was operated and maintained according to the maintenance plan.

(Ref. 40 CFR 63, Subpart ZZZZ; §63.6655(a), §63.6655(d), §63.6655(e)(3))

5.4. For Emission Point AA-002, records must be in a form suitable and readily available for expeditious review. Each record must 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 §63.10(b)(1).  
(Ref.: 40 CFR 63, Subpart ZZZZ; §63.6660)

5.5. For Emission Point AA-003, the fugitive emissions monitoring plan developed by the permittee must cover the collection of fugitive emissions components at the well within the company-defined area. Fugitive emissions monitoring plans must include the elements specified in paragraphs (c) and (d) of 60.5397a. Each monitoring survey shall observe each fugitive emissions component for fugitive emissions.

The permittee must conduct an initial monitoring survey within 60 days of the startup of production for each collection of fugitive emissions components at a new well site. For a modified collection of fugitive emissions components at a well site, the initial monitoring survey must be conducted within 60 days of the first day of production for each collection of fugitive emission components after the modification.

A monitoring survey of each collection of fugitive emissions components at a well site within the company-defined area must be conducted at least semiannually after the initial survey. Consecutive semiannual monitoring surveys must be conducted at least 4 months



apart.

(Ref.: 40 CFR 60, Subpart OOOOa; §60.5397a(c), (d), (e), (f)(1), (g)(1))

- 5.6. For Emission Point AA-003, each identified source of fugitive emissions shall be repaired or replaced as soon as practicable, but no later than 30 calendar days after detection of the fugitive emissions. If the repair or replacement is technically infeasible, would require a vent blowdown, a well shutdown or well shut-in, or would be unsafe to repair during operation of the unit, the repair or replacement must be completed during the next well shutdown, well shut-in, after an unscheduled, planned or emergency vent blowdown or within 2 years, whichever is earlier. Each repaired or replaced fugitive emissions component must be resurveyed as soon as practicable, but no later than 30 days after being repaired, to ensure that there are no fugitive emissions.
- (a) For repairs that cannot be made during the monitoring survey when the fugitive emissions are initially found, the operator may resurvey the repaired fugitive emissions components using either Method 21 or optical gas imaging within 30 days of finding such fugitive emissions.
  - (b) For each repair that cannot be made during the monitoring survey when the fugitive emissions are initially found, a digital photograph must be taken of that component or the component must be tagged for identification purposes. The digital photograph must include the date that the photograph was taken, must clearly identify the component by location within the site
  - (c) Operators that use Method 21 to resurvey the repaired fugitive emissions components are subject to the resurvey provisions specified in the following:
    - i. A fugitive emissions component is repaired when the Method 21 instrument indicates a concentration of less than 500 ppm above background or when no soap bubbles are observed when the alternative screening procedures specified in section 8.3.3 of Method 21 are used.
    - ii. Operators must use the Method 21 monitoring requirements specified in paragraph (c)(8)(ii) of §60.5397a or the alternative screening procedures specified in section 8.3.3 of Method 21.
  - (d) Operators that use optical gas imaging to resurvey the repaired fugitive emissions components, are subject to the resurvey provisions specified in the following:
    - i. A fugitive emissions component is repaired when the optical gas imaging instrument shows no indication of visible emissions.
    - ii. Operators must use the optical gas imaging monitoring requirements specified in paragraph (c)(7) of §60.5397a.

Records for each monitoring survey shall be maintained as specified §60.5420a(c)(15). Annual reports shall be submitted for each collection of fugitive emissions components at the well site that include the information specified in §60.5420a(b)(7). Multiple collection of fugitive emissions components at the well site may be included in a single annual report.

(Ref.: 40 CFR 60, Subpart OOOOa; §60.5397a(h), (i), (j))

- 5.7. For Emission Point AA-003, the permittee may achieve initial compliance with the fugitive emission standards for each collection of fugitive emissions components at the well site by developing a fugitive emissions monitoring plan and conducting an initial monitoring survey specified in Condition 5.3 and maintaining records and repair each identified source of fugitive emissions specified in Condition 5.4. Also, the permittee must submit the initial annual report for each collection of fugitive emissions components at the well site as required by 60.5420a(b)(1) and (7).  
(Ref.: 40 CFR 60, Subpart OOOOa; §60.5410a(j))
- 5.8. For Emission Point AA-003, the permittee must maintain the records identified as specified in §60.7(f) and in all applicable paragraphs (c)(1) through (16) of §60.5420a. All records required by Subpart OOOOa must be maintained either onsite or at the nearest local field office for at least 5 years. Any records required to be maintained by Subpart OOOOa that are submitted electronically via the EPA's CDX may be maintained in electronic format.  
(Ref.: 40 CFR 60, Subpart OOOOa; §60.5420a(c))

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

<b>Emission Point</b>	<b>Applicable Requirement</b>	<b>Condition Number(s)</b>	<b>Reporting Requirement</b>
Facility Wide	11 Miss. Admin. Code Pt. 2, R. 2.2. B(11).	6.1	Annual synthetic minor monitoring report.
AA-002	40 CFR 63, Subpart ZZZZ §63.6640(b))	6.2	Report deviations from the emission and operating limitations.

- 6.1. The permittee shall submit a certified annual synthetic minor monitoring report postmarked no later than the 31<sup>st</sup> of January for the preceding calendar year. This report shall address any required monitoring specified in the permit. Specifically, this report shall include the 12-month rolling totals of VOC and HAP emissions, in tons per year, for the receding calendar year. Furthermore, the report shall include a summary of the monthly amounts of the volume of gas, in scf, combusted by the control flare. 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 declarations.  
(Ref: 11 Miss. Admin. Code Pt. 2, R. 2.2. B(11).)
- 6.2. For Emission Point AA-002, the permittee must report each instance in which AA-002 did not meet each operating limitation in Condition 3.6 to Subpart ZZZZ that apply to the facility. These instances are deviations from the emission and operating limitations in Subpart ZZZZ. These deviations must be reported according to the requirements in Condition 6.1.  
(Ref. 40 CFR 63, Subpart ZZZZ; §63.6640(b))