

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

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

**THIS CERTIFIES THAT**

Singing River Hospital System  
2809 Denny Avenue  
Pascagoula, Mississippi  
Jackson 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: May 03, 2016**

**Permit No.: 1280-00126**

**Issued/Modified: MAR 31 2020**

**Expires: April 30, 2021**

**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).)

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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-003	6,000 gallon Diesel Fuel Belly Storage Tank for Generator #3
AA-004	6,000 gallon Diesel Fuel Belly Storage Tank for Generator #4
AA-007a	1.075 MMBTU/hr Natural Gas Fired Water Heater/Boiler
AA-007b	1.075 MMBTU/hr Natural Gas Fired Water Heater/Boiler
AA-008	Ten (10) Natural Gas Fired Cafeteria Combustion Units
AA-009	2785 hp Diesel Fired (Compression Ignition) Non-Emergency Backup Electrical Generator equipped with an oxidation catalyst built in 2002.
AA-010	2785 hp Diesel Fired (Compression Ignition) Non-Emergency Backup Electrical Generator equipped with an oxidation catalyst built in 2002.
AA-011	905 hp Diesel Fired (Compression Ignition) Emergency Backup Electrical Generator built in 2007.
AA-012	905 hp Diesel Fired (Compression Ignition) Emergency Backup Electrical Generator built in 2008.
AA-013	265 hp Diesel Fired (Compression Ignition) Emergency Backup Electrical Generator built in 1996.
AA-015	94 hp Diesel Fired (Compression Ignition) Fire Water Pump Engine built in 2008.
AA-016	120 Gallon Diesel Fuel Day Storage Tank at Medical Park
AA-017	2000 gallon Underground Gasoline Storage Tank
AA-018	1000 Gallon Aboveground Gasoline Storage Tank
AA-019	500 Gallon Diesel Fuel Belly Storage Tank for Generator #1
AA-020	500 gallon Diesel Fuel Belly Storage Tank for Generator #2
AA-021	275 Gallon Diesel Fuel Belly Storage Tank for Generator #1
AA-022	275 Gallon Diesel Fuel Belly Storage Tank for Generator #2
AA-023	100 Gallon Diesel Fuel Storage Tank for Generator #6
AA-024	180 Gallon Fire Pump Diesel Fuel Storage Tank
AA-025	100 Gallon Diesel Fuel Storage Tank for Generator #7
AA-027	40,000 Gallon Underground Storage Tank with three (3) Chambers: 6000- gallon gasoline chamber; 12,000- gallon diesel chamber; and 22,000- gallon diesel chamber.
AA-028	Woodworking Shop Downdraft Table Cyclone
AA-029	Two (2) 2-cell Cooling Towers



AA-030	Two (2) Automotive Parts Washers
AA-031	Ethylene Oxide Sterilizer
AA-032	Paint Booth
AA-033	Gasoline Dispensing Facility with monthly throughput of less than 10,000 gallons of gasoline
AA-038	2.52 MMBTU/hr Dual-fired Hurst Boiler
AA-039	2.52 MMBTU/hr Dual-fired Hurst Boiler
AA-040	0.25 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Whirlpool
AA-041	0.25 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Therapy Pool
AA-042	0.5 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Lap Pool
AA-043	0.12 MMBTU/hr Natural Gas Fired Water Heater at Medical Park
AA-044	0.12 MMBTU/hr Natural Gas Fired Water Heater at Medical Park
AA-045	3.0 MMBtu/hr Natural Gas Fired Condensing Water Boiler
AA-046	3.0 MMBtu/hr Natural Gas Fired Condensing Water Boiler
AA-047	3.0 MMBtu/hr Natural Gas Fired Condensing Water Boiler
AA-048	170 hp Diesel Fired (Compression Ignition) Fire Water Pump Emergency Engine built in 2019

### SECTION 3 EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limitation/Standard
AA-009	Federally Enforceable Construction Permit issued May 7, 2002	3.1	NOx	60.50 lb/hr and 21.17 tpy
	Federally Enforceable Construction Permit issued May 7, 2002	3.2	SO <sub>2</sub>	0.95 lb/hr and 0.33 tpy
	11 Miss. Admin. Code Pt. 2, R.2.2.B(10).	3.3	Operation	700 hr/year of operation
AA-010	Federally Enforceable Construction Permit issued May 7, 2002	3.1	NOx	60.50 lb/hr and 21.17 tpy
	Federally Enforceable Construction Permit issued May 7, 2002	3.2	SO <sub>2</sub>	0.95 lb/hr and 0.33 tpy
	11 Miss. Admin. Code Pt. 2, R.2.2.B(10).	3.3	Operation	700 hr/year of operation
AA-031	40 CFR Part 63, Subpart WWWW - NESHAP for Hospital Ethylene Oxide Sterilizers 40 CFR 63.10382(a)	3.4	HAP	General applicability
AA-033	40 CFR Part 63, Subpart CCCCC - NESHAP for Source Category: Gasoline Dispensing Facilities 40 CFR 63.11111	3.5	HAP	General applicability
AA-009 AA-010 AA-013	40 CFR Part 63, Subpart ZZZZ- NESHAP for Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6585(a),(c),(f), 63.6590(a)(1)(iii); 63.6665 and Table 8	3.6	HAP	General Applicability
	40 CFR 63.6603(a), Table 2b(2), Table 2d(3), Subpart ZZZZ	3.7	CO	23 ppmvd at 15% O <sub>2</sub> or reduce CO by 70% or more; maintain catalyst temperature and pressure
AA-011 AA-012 AA-015 AA-048	40 CFR Part 63, Subpart ZZZZ- NESHAP for Stationary Reciprocating Internal Combustion Engines verify citation - 40 CFR 63.6585(a), 63.6585(c), and 63.6590(c)(1), Subpart ZZZZ	3.8		General Applicability;  Units must comply with 40 CFR Part 60, Subpart IIII- NSPS for Stationary CI ICE
	40 CFR Part 60, Subpart IIII New Source Performance Standards for Stationary Compression Ignition Internal Combustion Engines (CI ICE)  40 CFR 60.4200(a)(2), 60.4205(b), (c) and 60.4206, Subpart IIII	3.9	NMHC+NOx CO PM	General Applicability  See condition for emission standards
AA-011 AA-012 AA-013 AA-015 AA-048	40 CFR 63.6640(f), Subpart ZZZZ 40 CFR 60.4211(f), Subpart IIII	3.10	Operation	No time limit in using ICE/RICE in emergency situations; Up to 100 hours for maintenance checks, readiness testing and emergency demand response

AA-009 AA-010 AA-011 AA-012 AA-015 AA-048	40 CFR 63.6604(a), Subpart ZZZZ 40 CFR 60.4207(b), Subpart IIII	3.11	Sulfur	Use diesel fuel with less than 15 ppm sulfur; minimum cetane index of 40 or maximum aromatic content of 35% vol
AA-007 AA-008 AA-038 through AA-047	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.12	SO <sub>2</sub>	4.8 lb/MMBTU
	11 Miss. admin. Code Pt. 2, R.1.3.D(1)(a).	3.13	PM	0.6 lb/MMBTU
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.14	Opacity	40%

3.1 For Emission Points AA-009 and AA-010, for each unit the permittee shall not exceed 60.50 lb/hr and 21.17 tpy of Nitrogen Oxides as determined by EPA Test Method 7, 40 CFR 60, Appendix A.

(Ref.: Federally Enforceable Construction Permit issued May 7, 2002)

3.2 For Emission Point AA-009 and AA-010, for each unit, the permittee shall not exceed 0.95 lb/hr and 0.33 tpy of Sulfur Dioxide as determined by EPA Test Method 6, 40 CFR 60, Appendix A.

(Ref.: Federally Enforceable Construction Permit issued May 7, 2002)

3.3 For Emission Point AA-009 and AA-010, for each unit, the permittee shall not exceed 700 hours of operation per generator per year, with "year" defined as a consecutive 12-month period.

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

3.4 For AA-031, the permittee is subject to and shall comply with 40 CFR Part 63, Subpart WWWW - National Emission Standards for Hospital Ethylene Oxide Sterilizers and the applicable requirements of Subpart A - General Provisions.

(Ref.: 40 CFR 63.10382(a), Subpart WWWW)

3.5 For AA-033, the permittee is subject to and shall comply with 40 CFR Part 63, Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities and the applicable requirements of Subpart A - General Provisions. The monthly throughput is less than 10,000 gallons of gasoline; therefore, the permittee shall comply with the requirements of 40 CFR 63.11116 in Condition 4.3 of this permit. If the throughput ever exceeds 10,000 gallons per month, the permittee shall be subject to the requirements for sources in the appropriate threshold level found in 40 CFR 63.11111(c) or (d) from that point forward even if the throughput later falls below the newly applicable threshold level.

(Ref.: 40 CFR 63.11111, Subpart CCCCC)

- 3.6 Emission Points AA-009 and AA-010 are subject to and shall comply with 40 CFR Part 63, Subpart ZZZZ- National Emission Standards for Hazardous Air Pollutants from Stationary Reciprocating Internal Combustion Engines and the applicable requirements of A- General Provisions (as identified in Table 8 to Subpart ZZZZ). These units are existing non-emergency, compression ignition stationary RICE located at an area source.

Emission Point AA-013 is an existing institutional emergency stationary RICE located at an area source of HAP emissions and therefore exempt from the requirements of this subpart per 40 CFR 63.6585(f)(3). The stationary RICE must meet the definition of an emergency stationary RICE in 40 CFR 63.6675, which includes operating according to Condition 3.10 .

(Ref.: 40 CFR 63.6585(a),(c),(f), 63.6590(a)(1)(iii), 63.6665, and Table 8; Subpart ZZZZ)

- 3.7 For Emission Points AA-009 and AA-010, the permittee shall:
- (a) Limit concentration of CO in the stationary RICE exhaust to 23 ppmvd at 15 percent oxygen; or
  - (b) Reduce CO emissions by 70 percent or more; and
  - (c) Maintain the catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water from the pressure drop across the catalyst that was measured during the initial performance test; and
  - (d) Maintain the temperature of the stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.

(Ref.: 40 CFR 63.6603(a), item 2 in Table 2b and item 3 in Table 2d, Subpart ZZZZ)

- 3.8 Emission Points AA-011, AA-012, AA-015 and AA-048 are subject to 40 CFR Part 63, Subpart ZZZZ- National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). These units are new stationary RICE located at an area source and as such shall meet the requirements of Subpart ZZZZ by meeting the applicable requirements of 40 CFR Part 60, Subpart IIII- New Source Performance Standards for Stationary Compression Ignition Internal Combustion Engines (CI ICE). No further requirements of Subpart ZZZZ apply to the engines.

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

- 3.9 Emission Points AA-011, AA-012, AA-015 and AA-048 are subject to and shall comply with the applicable requirements of 40 CFR Part 60, Subpart IIII- New Source Performance Standards for Stationary Compression Ignition Internal Combustion Engines (CI ICE) and shall comply with 40 CFR Part 60, Subpart A- General Provisions, as required in Table 8 to Subpart IIII.

For Emission Points AA-011 and AA-012, the permittee shall comply with the emission standards in 40 CFR 89.112 and 40 CFR 89.113. The maximum discharge of the

pollutants is as follows: 6.4 g/kW-hr of NMHC+NO<sub>x</sub>; 3.5 g/kW-hr of CO and 0.2 g/kW-hr of PM; 20% Opacity during acceleration mode; 15% Opacity during lugging mode and 50 % Opacity during peaks in either model.

For Emission Point AA-015, the permittee shall comply with the emission standards in Table 4 of Subpart III. The maximum discharge of the pollutants is as follows: 10.5 g/kW-hr of NMHC+NO<sub>x</sub>; 5.0 g/kW-hr of CO and 0.8 g/kW-hr of PM

For Emission Point AA-048, the permittee shall comply with the emission standards in Table 4 of Subpart III. The maximum discharge of the pollutants is as follows: 4.0 g/kW-hr of NMHC+NO<sub>x</sub>; 5.0 g/kW-hr of CO and 0.2 g/kW-hr of PM

(Ref.: 40 CFR 60.4200(a)(2), 60.4205(b), (c) and 60.4206, Subpart III)

3.10 Emission Points AA-011, AA-012, AA-013, AA-015 and AA-048 must be operated according to the requirements below, in order for the engines to be considered emergency stationary RICE:

- (a) There is no time limit on the use of emergency stationary RICE in emergency situations.
- (b) The permittee may operate the emergency stationary RICE for maintenance checks, readiness testing and emergency demand response for a maximum of 100 hours per calendar year.
- (c) These units may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: 40 CFR 63.6640(f), Subpart ZZZZ; 40 CFR 60.4211(f), Subpart III)

3.11 For Emission Points AA-009, AA-010, AA-011, AA-012, AA-015 and AA-048, the permittee shall use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel. Nonroad diesel fuel is subject to the following per-gallon standards:

- (a) Sulfur content: 15 ppm maximum
- (b) Minimum cetane index of 40 or maximum aromatic content of 35 volume percent

(Ref.: 40 CFR 63.6604(a), Subpart ZZZZ and 40 CFR 60.4207(b), Subpart III)

3.12 For Emission Points AA-007, AA-008, AA-038, AA-039, AA-040, AA-041, AA-042, AA-043, AA-044, AA-045, AA-046 and AA-047, the maximum discharge of sulfur oxides from each fuel burning installation in which the fuel is burned primarily to

produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

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

- 3.13 For Emission Points AA-007, AA-008, AA-038, AA-039, AA-040, AA-041, AA-042, AA-043, AA-044, AA-045, AA-046 and AA-047, the maximum permissible emission of ash and/or particulate matter from each 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).)

- 3.14 For Emission Points AA-007, AA-008, AA-038, AA-039, AA-040, AA-041, AA-042, AA-043, AA-044, AA-045, AA-046 and AA-047, the maximum opacity from any point source or emissions at any time shall not exceed 40% as determined by EPA Test Method 9, 40 CFR 60, Appendix A.

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

**SECTION 4  
WORK PRACTICES**

<b>Emission Point</b>	<b>Applicable Requirement</b>	<b>Condition Number(s)</b>	<b>Pollutant/Parameter</b>	<b>Work Practice</b>
AA-031	40 CFR 63.10390, Subpart WWWW	4.1	HAP	Sterilize full loads of items having a common aeration time
AA-033	40 CFR 63.11116, Subpart CCCCC	4.2	Vapor Releases	Gasoline must be handled in a manner to minimize extended vapor releases.

4.1 For Emission Point AA-031, the permittee shall sterilize full loads of items having a common aeration time, except under medically necessary circumstances.

(Ref.: 40 CFR 63.10390, Subpart WWWW.)

4.2 For Emission Point AA-033, the permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:

- (a) Minimize gasoline spills;
- (b) Clean up spills as expeditiously as practicable;
- (c) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
- (d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

The permittee is not required to submit notifications or reports as specified in 40 CFR 63.11125, 63.11126, or 40 CFR 63, Subpart A but the permittee must have records available within 24 hours of a request by the MDEQ to document the gasoline throughput.

(Ref.: 40 CFR 63.11116, Subpart CCCCC.)

## SECTION 5 MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Monitoring/Recordkeeping Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain records for a minimum of 5 years.
AA-009 AA-010	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	5.2	NO <sub>x</sub>	Stack test within 18 months or permit issuance
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	5.3	Hours of operation	Record the hours of operation daily
	40 CFR 63.6615, 40 CFR 63.6620(a),(b), (i) and item 4 in Table 3, Subpart ZZZZ and 40 CFR 63.7(e)(1), Subpart A	5.4	CO	Stack test every 8760 hours of operation or every 3 years
	40 CFR 63.6605(b), Subpart ZZZZ	5.5	CO	Use good air pollution control practices for minimizing emissions.
	40 CFR 63.6625(b), Subpart ZZZZ	5.6	Catalyst Pressure and Temperature	Install a CPMS
	40 CFR 63.6625(g), Subpart ZZZZ	5.7	CO	Requirements for units without a closed crankcase ventilation system
	40 CFR 63.6625(h), Subpart ZZZZ	5.8	CO	Engine's time spent at idle during startup shall not exceed 30 mins
	40 CFR 63.6635, Subpart ZZZZ	5.9	Monitoring	Monitor continuously, at all times, that the stationary RICE is operating; Use only valid data in data averages and calculations used to report emission or operating levels
	40 CFR 63.6640(a), 63.6655(d), and Table 6(10), Subpart ZZZZ	5.10	Catalyst Pressure and Temperature	Keep records of performance tests, catalyst temperature and pressure monitoring
	40 CFR 63.6655(a), Subpart ZZZZ	5.11	Recordkeeping	Keep records of initial notifications, notification of compliance status, malfunctions, performance tests, maintenance and actions taken to minimize emissions during malfunctions
40 CFR 63.6655(b), Subpart ZZZZ	5.12	Recordkeeping	CPMS Recordkeeping requirements	
AA-011 AA-012 AA-015 AA-048	40 CFR 60.4209(a), Subpart III	5.13	Hours of operation	Install a non-resettable hour meter
	40 CFR 60.4211 (a) and (c), Subpart III	5.14	NMHC+NO <sub>x</sub> CO PM	Purchase engines certified by the manufacturer to the applicable emission standards
	40 CFR 60.4214(b), Subpart III	5.15	Hours of operation	Record the hours of operation



AA-031	40 CFR 63.10420, Subpart WWWW	5.16	Ethylene Oxide	Record the date and time of each sterilization cycle and if it contains a full load of items
	40 CFR 63.10432, Subpart WWWW	5.17	Ethylene Oxide	Keep a copy of the Initial Notification of Compliance Status and records required in Condition 5.16
	40 CFR 63.10434, Subpart WWWW	5.18	Ethylene Oxide	Records must be readily available for review and kept onsite for at least 2 years and offsite for 3 years.
AA-033	40 CFR 63.11111(e), and 63.11125(d), Subpart CCCCC	5.19	HAP	Keep records of monthly throughput of gasoline; malfunctions and actions taken during periods of malfunction to minimize emissions

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 Emission Points AA-009 and AA-010, the permittee shall perform a one- time stack test on nitrogen oxides within 18 months of permit issuance.

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

5.3 For Emission Points AA-009 and AA-010, the permittee shall record and maintain records of the hours the generator operated during each day, and of the cumulative hours of operation for each consecutive 12-month period. For each day of zero hours of operation, a negative declaration shall be recorded.

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

5.4 For Emission Points AA-009 and AA-010, the permittee shall conduct subsequent performance tests for CO every 8,760 hours or 3 years, whichever comes first. The permittee shall conduct the performance test according to the requirements in Table 4 of 40 CFR 63, Subpart ZZZZ. Performance tests shall be conducted under such conditions as the MDEQ specifies to the permittee based on representative performance (i.e., performance based on normal operating conditions) of the units. Upon request, the permittee shall make available to the MDEQ such records as may be necessary to determine the conditions of performance tests.

The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following

information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accurate in percentage of true value must be provided.

(Ref.: 40 CFR 63.6615, 40 CFR 63.6620(a),(b), (i) and item 4 in Table 3, Subpart ZZZZ and 40 CFR 63.7(e)(1), Subpart A)

- 5.5 For Emission Points AA-009 and AA-010, the permittee shall operate and maintain the units, at all times, including associated air pollution control 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 any further efforts to reduce emissions if levels required by Subpart ZZZZ have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the 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 63.6605(b), Subpart ZZZZ)

- 5.6 For Emission Points AA-009 and AA-010, the permittee shall install a continuous parameter monitoring system (CPMS) as specified in Table 5 of 40 CFR 63, Subpart ZZZZ. The permittee shall install, operate, and maintain each CPMS according to the requirements in 40 CFR 63.6625(b)(1) through (6).

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

- 5.7 For Emission Points AA-009 and AA-010, an engine that is not equipped with a closed crankcase ventilation system, the permittee shall comply with either:
- (a) Installing a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or
  - (b) Installing an open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates and metals.

Permittees must follow the manufacturer's specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation systems and replacing the crankcase filters or can request the MDEQ to approve different maintenance requirements that are as protective as manufacturer requirements.

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

- 5.8 For Emission Points AA-009 and AA-010, the permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Table 2d of 40 CFR 63, Subpart ZZZZ, apply.

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

- 5.9 For Emission Points AA-009 and AA-010, the permittee shall comply with the following:
- (a) Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, the permittee shall monitor continuously at all times that the stationary RICE is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.
  - (b) The permittee shall not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The permittee shall, however, use all the valid data collected during all other periods.

(Ref.: 40 CFR 63.6635, Subpart ZZZZ)

- 5.10 For Emission Points AA-009 and AA-010, the permittee must demonstrate continuous compliance with each applicable emission limitation and operating limitation in Table 2b and Table 2d according to the methods specified below. The permittee must keep records of these requirements.
- (a) Conducting performance tests every 8,760 hours or 3 years, whichever comes first, for CO to demonstrate that the required CO percent reduction is achieved or that the emissions remain at or below the CO concentration limit; and
  - (b) Collecting the catalyst inlet temperature data according to 40 CFR 63.6625(b); and
  - (c) Reducing these data to 4-hour rolling averages; and
  - (d) Maintaining the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature; and
  - (e) Measuring the pressure drop across the catalyst once per month and demonstrating that the pressure drop across the catalyst is within the operating limitation established during the performance test.

(Ref.: 40 CFR 63.6640(a), 63.6655(d), and item 10 in Table 6, Subpart ZZZZ)

- 5.11 For Emission Points AA-009 and AA-010, the permittee shall keep the following records:
- (a) A copy of each notification and report that was submitted to comply with Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that was 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 Condition 5.5 and 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.

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

- 5.12 For Emission Points AA-009 and AA-010, for each CPMS, the permittee shall keep the records listed below:
- (a) Records described in 40 CFR 63.10(b)(2)(vi) through (xi).
  - (b) Previous (i.e., superseded) versions of the performance evaluation plan as required in 40 CFR 63.8(d)(3).
  - (c) Requests for alternatives to the relative accuracy test for CPMS as required in 40 CFR 63.8(f)(6)(i), if applicable.

(Ref.: 40 CFR 63.6655(b), Subpart ZZZZ)

- 5.13 For Emission Points AA-011, AA-012, AA-015 and AA-048, the permittee shall install a non-resettable hour meter.

(Ref.: 40 CFR 60.4209(a), Subpart IIII)

- 5.14 For Emission Points AA-011, AA-012, AA-015 and AA-048, the permittee shall comply with the emission limitations by purchasing an engine certified by the manufacturer to those standards. The permittee shall install, configure, operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions; change only those emission-related settings that are permitted by the manufacturer; and meet all the applicable requirements of 40 CFR 1068.

(Ref.: 40 CFR 60.4211 (a) and (c), Subpart IIII)

- 5.15 For Emission Points AA-011, AA-012, AA-015 and AA-048, the permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.

(Ref.: 40 CFR 60.4214(b), Subpart IIII)

- 5.16 For Emission Point AA-031, for each sterilization unit not equipped with an air pollution control device, the permittee shall demonstrate continuous compliance with the management practice standard in Condition 4.1 (40 CFR 63.10390) by recording the date and time of each sterilization cycle, whether each sterilization cycle contains a full load of items, and if not, a statement from a hospital central services staff, a hospital administrator, or a physician that it was medically necessary.

(Ref.: 40 CFR 63.10420, Subpart WWWW)

- 5.17 For Emission Point AA-031, the permittee shall keep the following records:
- (a) A copy of the Initial Notification of Compliance Status submitted to comply with this subpart.
  - (b) Records required by 40 CFR 63.10420 for each sterilization unit not equipped with an air pollution control device.

(Ref.: 40 CFR 63.10432, Subpart WWWW)

- 5.18 For Emission Point AA-031, the permittee shall comply with the following recordkeeping requirements:
- (a) Records must be in a form suitable and readily available for expeditious review.
  - (b) Keep each record for 5 years following the date of each record.
  - (c) Keep each record onsite for at least 2 years after the date of each record. The records can be kept offsite for the remaining 3 years

(Ref.: 40 CFR 63.10434, Subpart WWWW)

- 5.19 For Emission Point AA-033, the permittee shall keep the following:
- (a) Records to document the monthly throughput of gasoline.
  - (b) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or monitoring equipment.
  - (c) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.11115(a), including corrective actions to restore malfunctioning process and monitoring equipment to its normal or usual manner of operation.

(Ref.: 40 CFR 63.11111(e), and 63.11125(d), Subpart CCCCC)

## SECTION 6 REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report permit deviations within five (5) working days.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.2	Submit certified annual monitoring report.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.3	All documents submitted to MDEQ shall be certified by a Responsible Official.
AA-009 AA-010	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	6.4	Submit a testing protocol 30 days prior to the test date
	40 CFR 63.6640(b), Subpart ZZZZ	6.5	Report deviations from the emission and operating limitations
	40 CFR 63.6645(a), Subpart ZZZZ	6.6	Submit notifications required by 40 CFR 63, Subpart A
	40 CFR 63.6645(g), Subpart ZZZZ	6.7	Submit a notification of intent 60 days before the performance test
	40 CFR 63.6645(h), Subpart ZZZZ	6.8	Submit a notification of compliance status 60 days following the performance test
	40 CFR 63.6650(a), (c)(4), Subpart ZZZZ	6.9	Submit a semi-annual compliance report
	40 CFR 63.6650(e), Subpart ZZZZ	6.10	Report malfunctions

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

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

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

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

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

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

- 6.4 For Emission Points AA-009 and AA-010, 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 DEQ shall be notified in writing at least ten (10) days prior to the scheduled test dates(s) so that an observer may be afforded the opportunity to witness the test(s). After the first successful submittal of an initial written test protocol in conjunction with the initial compliance test(s), the permittee may request that the resubmittal of the testing protocol be waived for subsequent testing by certifying in writing at least thirty (30) days prior to subsequent testing that all conditions for testing remain unchanged such that the original protocol can and will be followed.

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

- 6.5 For Emission Points AA-009 and AA-010, the permittee shall report each instance in which the applicable emission or operating limitations in Table 2b and Table 2d of 40 CFR 63, Subpart ZZZZ, were not met. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in 40 CFR 63.6650. If the catalyst is changed, the permittee shall reestablish the values of the operating parameters measured during the initial performance test. When the values of the operating parameters are reestablished, the permittee shall also conduct a performance test to demonstrate that the required emission limitation are met.

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

- 6.6 For Emission Points AA-009 and AA-010, the permittee shall submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h) that apply by the dates specified.

(Ref.: 40 CFR 63.6645(a), Subpart ZZZZ)

- 6.7 For Emission Points AA-009 and AA-010, the permittee shall submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in 40 CFR 63.7(b)(1).

(Ref.: 40 CFR 63.6645(g), Subpart ZZZZ)

- 6.8 For Emission Points AA-009 and AA-010, the permittee shall submit to MDEQ a Notification of Compliance Status including the performance test results within 60 days following completion of the performance test.

(Ref.: 40 CFR 63.6645(h)(2), Subpart ZZZZ)

- 6.9 For Emission Points AA-009 and AA-010, the permittee shall submit a compliance report semi-annually containing the information in 40 CFR 63.6650(c) and Table 7 of Subpart ZZZZ:

- (a) If there are no deviations from any emission limitations or operating limitations, a statement that there were no deviations from the emission limitations or operating

limitations during the reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were not periods during which the CMS was out-of-control during the reporting period; or

- (b) If there was a deviation from any emission limitation or operating limitation during the reporting period, the compliance report must include the information in 40 CFR 63.6650(d). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), the compliance report must include the information in Condition 6.10 and 40 CFR 63.6650(e); or
- (c) If there was 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 the permittee during the malfunction to minimize emissions in accordance with Condition 5.5 and 40 CFR 63.6605(b), including actions taken to correct the malfunction.

(Ref.: 40 CFR 63.6650(a), (c)(4), Subpart ZZZZ)

6.10 For Emission Points AA-009 and AA-010, for each deviation from an emission or operating limitation occurring for a stationary RICE where using a CMS to comply with the emission and operating limitations, the permittee shall include information in 40 CFR 63.6650 (c)(1) through (4) and below:

- (a) The date and time that each malfunction started and stopped; the duration that each CMS was inoperative, except for zero (low-level) and high-level checks or that each CMS was out-of-control, including the information in 40 CFR 63.8(c)(8).
- (b) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period.
- (c) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.
- (d) A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.
- (e) A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period.



- (f) An identification of each parameter and pollutant (CO) that was monitored at the stationary RICE and a brief description of the stationary RICE
- (g) A brief description of the CMS; the date of the latest CMS certification or audit and a description of any changes in CMS, processes, or controls since the last reporting period.

(Ref.: 40 CFR 63.6650(e), Subpart ZZZZ)