STATE OF MISSISSIPPI
AND FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

THIS CERTIFIES THAT

Jackson County Board of Supervisors – Singing River Health System
2809 Denny Avenue
Pascagoula, Jackson County, Mississippi

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

Krystal Rudolph

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: February 16, 2022 **Permit No.: 1280-00126**

Effective Date: As specified herein.

Expires: January 31, 2027

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 Mississippi Administrative Code, Title 11, Part 2, Chapter 2, Rule 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 (MDEQ) 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 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 [a]ny 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 3 – "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 Mississippi Administrative Code, Title 11, Part 2, Chapter 1, Rule 1.10 – "Provisions for Upsets, Startups, and Shutdowns".

   (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, start-ups, 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 five (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 twenty-four (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) Start-ups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.)

(1) Start-ups and shutdowns are part of normal source operation. Emission limitations apply during start-ups and shutdowns unless source specific emission limitations or work practice standards for start-ups 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 1, the Department

will consider establishing source specific emission limitations or work practice standards for start-ups and shutdowns. Source specific emission limitations or work practice standards established for start-ups 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 of 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 MDEQ within a reasonable time any information the MDEQ 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 MDEQ 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 MDEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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

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

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

4. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including (but not limited to):

   (a) Persistent violation of any terms or conditions of this permit.

   (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

   (c) A change in federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

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

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

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

SECTION 2
EMISSION POINT DESCRIPTION

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

Emission Point	Description
AA-100	Facility-Wide (Singing River Hospital System)
AA-003	6,000-Gallon Diesel Storage Tank for Generator No. 3 (Emission Point AA-009)
AA-004	6,000-Gallon Diesel Storage Tank for Generator No. 4 (Emission Point AA-010)
AA-007a	1.075 MMBTU / Hour Natural Gas-Fired Water Heater
AA-007b	1.075 MMBTU / Hour Natural Gas-Fired Water Heater
AA-008	Ten (10) Natural Gas-Fired Combustion Units [total heat input: 1.0 MMBTU / hour; located in the Cafeteria]
AA-009	2,785 HP (2000 kW) Non-Emergency Compression-Ignition (CI) Generator Engine No. 3 [equipped with an oxidation catalyst; max. heat input: 18.9 MMBTU / hour; manufactured in 2002]
AA-010	2,785 HP (2000 kW) Non-Emergency Compression-Ignition (CI) Generator Engine No. 4 [equipped with an oxidation catalyst; max. heat input: 18.9 MMBTU / hour; manufactured in 2002]
AA-011	905 HP (750 kW) Emergency Compression Ignition (CI) Generator Engine No. 1 [max. heat input: 9.7 MMBTU / hour; manufactured in 2007]
AA-012	905 HP (750 kW) Emergency Compression Ignition (CI) Generator Engine No. 2 [max. heat input: 9.7 MMBTU / hour; manufactured in 2008]
AA-013	265 HP (198 kW) Emergency Compression Ignition (CI) Generator Engine No. 5 [max. heat input: 1.38 MMBTU / hour; manufactured in 1996]
AA-015	94 HP (70 kW) Compression Ignition (CI) Emergency Fire Water Pump Engine [max. heat input: 0.49 MMBTU / hour; manufactured in 2008]
AA-016	120-Gallon Diesel Storage Tank [located at the Medical Park]
AA-017	2,000-Gallon Gasoline Storage Tank
AA-018	1,000-Gallon Gasoline Storage Tank
AA-019	500-Gallon Diesel Storage Tank [for Generator No. 1 (Emission Point AA-011)]
AA-020	500-Gallon Diesel Storage Tank [for Generator No. 2 (Emission Point AA-012)]

Emission Point	Description
AA-021	275-Gallon Diesel Storage Tank [for Generator No. 1 (Emission Point AA-011)]
AA-022	275-Gallon Diesel Storage Tank [for Generator No. 2 (Emission Point AA-012)]
AA-023	100-Gallon Diesel Storage Tank [for Generator No. 5 (Emission Point AA-013)]
AA-024	180-Gallon Diesel Storage Tank [for Fire Pump Engine (Emission Point AA-015)]
AA-025	100-Gallon Diesel Storage Tank [for Generator No. 5 (Emission Point AA-013)]
AA-027	40,000-Gallon Underground Storage Tank with Three (3) Internal Chambers: 6,000-Gallon Gasoline Chamber; 12,000-Gallon Diesel Chamber; and 22,000-Gallon Diesel Chamber
AA-028	Woodworking Shop [equipped with a baghouse]
AA-029	Two (2) Cooling Towers
AA-030	Two (2) Automotive Parts Washers
AA-031	Ethylene Oxide Sterilizer
AA-032	Paint Booth [equipped with a dry filter at the exhaust point]
AA-033	Gasoline Dispensing Facility
AA-038	2.52 MMBTU / Hour Dual-Fired Precision Boiler
AA-039	2.52 MMBTU / Hour Dual-Fired Precision Boiler
AA-040	0.25 MMBTU / Hour Natural Gas-Fired Heater for Medical Park Indoor Whirlpool
AA-041	0.25 MMBTU / Hour Natural Gas-Fired Heater for Medical Park Indoor Therapy Pool
AA-042	0.5 MMBTU / Hour Natural Gas-Fired Heater for Medical Park Indoor Lap Pool
AA-043	0.12 MMBTU / Hour Natural Gas-Fired Water Heater at Medical Park
AA-044	0.12 MMBTU / Hour Natural Gas-Fired Water Heater at Medical Park
AA-045	3.0 MMBTU / Hour Natural Gas-Fired Condensing Water Boiler

Emission Point	Description
AA-046	3.0 MMBTU / Hour Natural Gas-Fired Condensing Water Boiler
AA-047	3.0 MMBTU / Hour Natural Gas-Fired Condensing Water Boiler
AA-048	170 HP (127 kW) Compression Ignition (CI) Emergency Fire Pump Engine [max. heat input: 0.89 MMBTU / Hour; manufactured in 2019]

SECTION 3
EMISSION LIMITATIONS AND STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-007a through AA-013 AA-015	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Opacity	≤ 40% (from smoke)
AA-038 through AA-048	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2		≤ 40%
AA-007a AA-007b AA-008 AA-011 AA-012 AA-013 AA-015 AA-038 through AA-048	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.3	PM (filterable)	0.6 Pounds / MMBTU
AA-009 through AA-013 AA-015 AA-048	40 CFR Part 63, Subpart ZZZZ – NESHAP for Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6585(a), (c), and (f), 63.6590(a)(2)(iii) and (c)(1), and 63.6665; Subpart ZZZZ	3.4	HAPs	General Applicability
AA-009 through AA-012 AA-015 AA-048	40 CFR 60.4207(b); Subpart IIII 40 CFR 63.6604(a); Subpart ZZZZ	3.5	Fuel Requirement	15 ppm Sulfur Content (Max.); and 40 Cetane Index (Min.) or 35% Aromatic Content (Max. – by volume)
AA-009 AA-010	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.6	PM (filterable)	$E = 0.8808(I^{-0.1667})$
	40 CFR 63.6603(a) and Table 2d (Item 3); Subpart ZZZZ	3.7	CO	23 ppmvd at 15% O_2; or Reduce CO by 70% or More
	40 CFR 63.6603(a) and Table 2b (Item 2); Subpart ZZZZ	3.8	Pressure Drop Temperature	Operational Limitations
	40 CFR 63.6625(g); Subpart ZZZZ	3.9	CO	Crankshaft Operational Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-009 AA-010	11 Miss. Admin. Code Pt. 2, R.2.2.B(10). **(Title V Avoidance Limits)**	3.10	Operating Hours	1000.0 Hours / Year (Rolling 12-Month Total; For Each Engine)
AA-011 AA-012 AA-013 AA-015 AA-048	40 CFR 63.6640(f)(1), (2), (4); Subpart ZZZZ 40 CFR 60.4211(f)(1) – (3); Subpart IIII	3.11	Operational Requirements	100 Hours / Calendar Year for Maintenance and Readiness Testing; 50 Hours / Calendar Year for Non-Emergency Situations
AA-011 AA-012 AA-015 AA-048	40 CFR Part 60, Subpart IIII – NSPS for Stationary Compression Ignition Internal Combustion Engines 40 CFR 60.4200(a)(2); Subpart IIII	3.12	$NMHC + NO_X$ CO PM	General Applicability
AA-011 AA-012	40 CFR 60.4205(b), 60.4206; Subpart IIII	3.13	$NMHC + NO_X$	6.4 Grams / Kilowatt-Hour (or 4.8 Grams / Horsepower-Hour)
			CO	3.5 Grams / Kilowatt-Hour (or 2.6 Grams / Horsepower-Hour)
			PM	0.20 Grams / Kilowatt-Hour (or 0.15 Grams / Horsepower-Hour)
AA-015	40 CFR 60.4205(c), 60.4206, and Table 4; Subpart IIII	3.14	$NMHC + NO_X$	10.5 Grams / Kilowatt-Hour (or 7.8 Grams / Horsepower-Hour)
			CO	5.0 Grams / Kilowatt-Hour (or 3.7 Grams / Horsepower-Hour)
			PM	0.8 Grams / Kilowatt-Hour (or 0.6 Grams / Horsepower-Hour)
AA-027 AA-033	40 CFR Part 63, Subpart CCCCCC – NESHAP for Source Category: Gasoline Dispensing Facilities 40 CFR 63.11111(a), (b), (c) and (i); Subpart CCCCCC	3.15	HAPs	General Applicability
AA-031	40 CFR Part 63, Subpart WWWWW – NESHAP for Hospital Ethylene Oxide Sterilizers 40 CFR 63.10382(a); Subpart WWWWW	3.16	HAPs	General Applicability
AA-038 AA-039 AA-045 AA-046 AA-047	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.17	SO_2	4.8 Pounds / MMBTU

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-048	40 CFR 60.4205(c), 60.4206, and Table 4; Subpart IIII	3.18	NMHC + NO_X	4.0 Grams / Kilowatt-Hour (or 3.0 Grams / Horsepower-Hour)
			CO	5.0 Grams / Kilowatt-Hour (or 3.7 Grams / Horsepower-Hour)
			PM	0.3 Grams / Kilowatt-Hour (or 0.22 Grams / Horsepower-Hour)

3.1 For Emission Points AA-007a through AA-013, AA-015, and AA-038 through AA-048, except as otherwise specified or limited herein, the permittee shall not cause or allow the emission of smoke into the open air from a point source of any manufacturing, industrial, commercial, or waste disposal process that exceeds forty percent (40%) opacity subject to the following exceptions:

(a) Start-up operations may produce emissions, which exceed 40% opacity for up to fifteen (15) minutes per start-up in any one (1) hour and not to exceed three (3) start-ups per stack in any twenty-four (24) hour period.

(b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed sixty percent (60%) opacity and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one (1) hour.

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

3.2 For Emission Points AA-007a through AA-013, AA-015, and AA-038 through AA-048, except as otherwise specified or limited herein, the permittee shall not discharge into the ambient air from a point source any contaminant of such opacity as to obscure an observer's view to a degree in excess of forty percent (40%) opacity. 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 Emission Points AA-007a, AA-007b, AA-008, AA-011, AA-012, AA-013, AA-015, and AA-038 through AA-048, the maximum permissible emission of ash and/or particulate matter (PM – filterable) from any fossil fuel burning installation of less than ten (10) MMBTU per hour heat input shall not exceed 0.6 pounds per MMBTU per hour heat input.

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

3.4 For Emission Points AA-009 through AA-013, AA-015, and AA-048, the permittee is subject to and shall comply with the applicable requirements found in 40 CFR Part 63,

Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants (NESHAP) from Stationary Reciprocating Internal Combustion Engines (RICE) and 40 CFR Part 63, Subpart A – General Provisions (as required in Table 8 of Subpart ZZZZ).

For the purpose of this permit, the following classifications have been made:

(a) A stationary RICE is "new" if construction or reconstruction commenced on or after June 12, 2006. For new stationary RICE, the permittee shall comply with Subpart ZZZZ by complying with the applicable requirements found in 40 CFR Part 60, Subpart IIII (for Emission Points AA-011, AA-012, AA-015, and AA-048). No further requirements apply for such engines under Subpart ZZZZ.

(b) Emission Points AA-009 and AA-010 are existing non-emergency, compression-ignition (CI) stationary RICE located at an area source of hazardous air pollutants (HAPs).

(c) Emission Point AA-013 is an existing emergency stationary RICE located at an institutional facility that is an area source of HAPs; therefore, Emission Point AA-013 is exempt from complying with the requirements of Subpart ZZZZ. However, Emission Point must comply with the emergency stationary RICE requirements specified in Condition 3.11.

(Ref.: 40 CFR 63.6585(a), (c), and (f), 63.6590(a)(2)(iii) and (c)(1), and 63.6665; Subpart ZZZZ)

3.5 For Emission Points AA-009 through AA-012, AA-015, and AA-048, the permittee shall only combust diesel fuel within each engine that meet the following requirements (on a per-gallon basis):

(a) A maximum sulfur content of fifteen (15) ppm; and

(b) A minimum cetane index of forty (40) or a maximum aromatic content of thirty-five (35) volume percent.

(Ref.: 40 CFR 60.4207(b); Subpart IIII and 40 CFR 63.6604(a); Subpart ZZZZ)

3.6 For Emission Points AA-009 and AA-010, the emission of particulate matter (PM) from any fossil fuel burning installation equal to / greater than 10 MMBTU per hour heat input shall not exceed an emission rate as determined by the following relationship:

$$E = 0.8808 \cdot (I^{-0.1667})$$

Where "E" is the emission rate in pounds per MMBTU per hour heat input and "I" is the heat input in MMBTU per hour.

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

3.7 For Emission Points AA-009 and AA-010, except during periods of start-up, the permittee shall comply with one (1) of the following carbon monoxide (CO) emissions standards at all times:

(a) Limit the emission of CO to no more than 23 parts per million by volume, dry (ppmvd); or

(b) Reduce the emission of CO by at least seventy (70) percent.

(Ref.: 40 CFR 63.6603(a), 63.6605(a), and Table 2d (Item 3); Subpart ZZZZ)

3.8 For Emission Points AA-009 and AA-010, except during periods of start-up, the permittee shall comply with the following operating limitations:

(a) Maintain the catalyst within each engine so that the pressure drop across the catalyst does not change by more than two (2) inches of water from the pressure drop established during the initial performance test; and

(b) Maintain the temperature of the exhaust from each engine so that the catalyst inlet temperature is greater than / equal to 450ºF and less than / equal to 1,350ºF.

(Ref.: 40 CFR 63.6603(a), 63.6605(a), and Table 2b (Item 2); Subpart ZZZZ)

3.9 For Emission Points AA-009 and AA-010, the permittee shall comply with one (1) of the following operating standards **if** an engine is not equipped with a closed crankcase ventilation system:

(a) Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere; or

(b) Install 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.

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

3.10 For Emission Points AA-009 and AA-010, the permittee shall limit the operation of each engine to no more than one thousand (1,000.0) hours per year based on a rolling 12-month total.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). – Title V Avoidance Limits)

3.11 For Emission Points AA-011, AA-012, AA-013, AA-015, and AA-048, any operation of the engine for any reason other than emergency operation, maintenance and testing, and operation in non-emergency situations for fifty (50) hours per year is prohibited. If an

engine is not operated in accordance with paragraphs (a) through (c) of this condition, the engine will not be considered an emergency engine under the referenced regulation and shall meet all requirements for a corresponding non-emergency engine.

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

(b) The permittee may operate an engine for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, or the insurance company accompanied with the engine. Maintenance checks and readiness testing of an engine is limited to a maximum of one hundred (100) hours per calendar year. The permittee may petition the MDEQ for approval of additional hours to be used for maintenance checks and readiness testing. However, a petition is not required if the permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of the engine beyond 100 hours per calendar year.

(c) The permittee may operate an engine 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. The 50 hours per calendar 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)(1), (2), (4); Subpart ZZZZ)
(Ref.: 40 CFR 60.4211(f)(1) – (3); Subpart IIII)

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

(Ref.: 40 CFR 60.4200(a)(2); Subpart IIII)

3.13 For Emission Points AA-011 and AA-012, the permittee shall comply with the following emission standards:

(a) Non-Methane Hydrocarbons + Nitrogen Oxides (NMHC + NO_X): 6.4 grams per kilowatt-hour (or 4.8 grams per horsepower-hour);

(b) Carbon Monoxide (CO): 3.5 grams per kilowatt-hour (or 2.6 grams per horsepower-hour); and

(c) Particulate Matter (PM): 0.20 grams per kilowatt-hour (or 0.15 grams per horsepower-hour).

The permittee shall operate and maintain each engine in such a manner to achieve the referenced emission standards over the entire life of the engine.

(Ref.: 40 CFR 60.4205(b) and 60.4206; Subpart IIII)

3.14 For Emission Point AA-015, the permittee shall comply with the following emission standards:

(a) NMHC + NO_X: 10.5 grams per kilowatt-hour (or 7.8 grams per horsepower-hour);

(b) CO: 5.0 grams per kilowatt-hour (or 3.7 grams per horsepower-hour); and

(c) PM: 0.8 grams per kilowatt-hour (or 0.6 grams per horsepower-hour).

The permittee shall operate and maintain the engine in such a manner to achieve the referenced emission standards over the entire life of the engine.

(Ref.: 40 CFR 60.4205(c), 60.4206, and Table 4; Subpart IIII)

3.15 For Emission Points AA-027 and AA-033, the permittee is subject to and shall comply with the applicable requirements found in40 CFR Part 63, Subpart CCCCCC – National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Category: Gasoline Dispensing Facilities (GDFs) and 40 CFR Part 63, Subpart A – General Provisions (as required in Table 3 of Subpart CCCCCC).

For the purpose of this permit, and unless otherwise specified, the permittee has a monthly gasoline throughput of less than 10,000 gallons of gasoline. However, if the monthly throughput ever exceeds 10,000 gallons, the permittee shall be subject to the applicable requirements from that point forward even if the monthly throughput later falls below the newly applicable threshold.

(Ref.: 40 CFR 63.11111(a) – (c) and (i); Subpart CCCCCC)

3.16 For Emission Point AA-031, the permittee is subject to and shall comply with the applicable requirements found in 40 CFR Part 63, Subpart WWWWW – National Emission Standards for Hospital Ethylene Oxide Sterilizers and 40 CFR Part 63, Subpart A – General Provisions (as required in Table 1 of Subpart WWWWW).

(Ref.: 40 CFR 63.10382(a) and (b)(1); Subpart WWWWW)

3.17 For Emission Points AA-038, AA-039, AA-045, AA-046, AA-047, the maximum discharge of sulfur oxides shall not exceed 4.8 pounds (measured as sulfur dioxide or SO_2) per million BTU (MMBTU) heat input.

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

3.18 For Emission Point AA-048, the permittee shall comply with the following emission standards:

(a) NMHC + NO_X: 4.0 grams per kilowatt-hour (or 3.0 grams per horsepower-hour);

(b) CO: 5.0 grams per kilowatt-hour (or 3.7 grams per horsepower-hour); and

(c) PM: 0.3 grams per kilowatt-hour (or 0.22 grams per horsepower-hour).

The permittee shall operate and maintain each engine in such a manner to achieve the referenced emission standards over the entire life of the engine.

(Ref.: 40 CFR 60.4205(c), 60.4206, and Table 4; Subpart IIII)

SECTION 4
WORK PRACTICE STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Work Practice
AA-009 AA-010	40 CFR 63.6605(b); Subpart ZZZZ	4.1	CO	General Duty Clause
	40 CFR 63.6625(h); Subpart ZZZZ	4.2		Minimize Idling Time During Periods of Start-Up
	40 CFR 63.6625(g); Subpart ZZZZ	4.3		Follow Maintenance Requirements for Crankshaft Ventilation System
AA-011 AA-012 AA-015 AA-048	40 CFR 60.4211(a); Subpart IIII	4.4	NMHC + NO_X CO PM	Perform Best Management Practices
AA-027 AA-033	40 CFR 63.11116(a); Subpart CCCCCC	4.5	HAPs	Minimize Vapor Releases
AA-031	40 CFR 63.10390, Subpart WWWWW	4.6	Ethylene Oxide	Sterilize Full Loads of Items Having a Common Aeration Time

4.1 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.

The 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)

4.2 For Emission Points AA-009 and AA-010, the permittee shall both minimize each engine's time spent at idle during start-up and minimize each engine's start-up time to a period needed for appropriate and safe loading of an engine, not to exceed thirty (30) minutes, after which time the applicable emission standard specified in Condition 3.7 shall apply.

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

4.3 For Emission Points AA-009 and AA-010, the permittee shall follow the manufacturer-specified maintenance requirements for operating and maintaining the applicable crankshaft system (closed or open) and for replacing the crankshaft filters. However, the

permittee may request the MDEQ to approve different maintenance requirements that are as protective as manufacturer requirements as manufacturer's requirements.

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

4.4 For Emission Points AA-011, AA-012, AA-015, and AA-048, the permittee shall adhere to the following work practices:

(a) Operate and maintain each engine and control device (if any) according to the manufacturer's emission-related written instructions;

(b) Change only those emission-related settings that are permitted by the manufacturer; and

(c) Meet the requirements of 40 CFR Parts 89, 94, and/or 1068 (as applicable).

(Ref.: 40 CFR 60.4211(a); Subpart IIII)

4.5 For Emission Points AA-027 and AA-033, the permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. The measures to be taken include (but are not limited to) the following practices:

(a) Minimize gasoline spills;

(b) Clean up spills as expeditiously as possible;

(c) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; and

(d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices (such as oil / water separators).

(Ref.: 40 CFR 63.11116(a); Subpart CCCCCC)

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

For the purpose of this permit, "medically necessary" means that hospital central services staff, a hospital administrator, or a physician conclude (based on generally accepted medical practices) circumstances necessitate sterilizing without a full load in order to protect human health.

(Ref.: 40 CFR 63.10390, Subpart WWWWW)

SECTION 5
MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Monitoring / Recordkeeping Requirement
AA-000 (Facility-Wide)	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain Records For a Minimum of Five (5) Years
AA-009 AA-010	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	Hours of Operation	Monitor the Hours of Operation for Each Engine (Daily)
	40 CFR 63.6615, 63.6620(a), (b), (d), (e), and (i), 63.6640(b), Table 3 (Item 4), and Table 4 (Item 1 or 3); Subpart ZZZZ	5.3	CO	Conduct Routine Performance Testing Calculate the Final Applicable Result
	40 CFR 63.6625(b); Subpart ZZZZ 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.4	Catalyst Inlet Temperature	Operate and Maintain a CPMS Maintain a Site-Specific Monitoring Plan
	40 CFR 63.6635; Subpart ZZZZ	5.5	Catalyst Inlet Temperature	Monitoring / Data Collection Requirements
	40 CFR 63.6640(a), 63.6655(d), and Table 6 (Item 10); Subpart ZZZZ	5.6		Demonstrate Continuous Compliance
	40 CFR 63.6655(a) – (b); Subpart ZZZZ	5.7	CO	Recordkeeping Requirements
AA-011 AA-012 AA-015 AA-048	40 CFR 60.4214(a)(2)(i) – (iii); Subpart IIII 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.8	$NMHC + NO_X$ CO PM	Recordkeeping Requirements for Emergency Engines
AA-011 AA-012 AA-013 AA-015 AA-048	40 CFR 60.4214(b); Subpart IIII 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.9	$NMHC + NO_X$ CO PM	Record Hours of Operation (Emergency and Non-Emergency)
AA-027 AA-033	40 CFR 63.11111(e) and 63.11125(d); Subpart CCCCCC	5.10	HAPs	Recordkeeping Requirements
AA-031	40 CFR 63.10420 and 63.10432; Subpart WWWWW	5.11	Ethylene Oxide	Recordkeeping Requirements

5.1 The permittee shall retain all required records, monitoring data, supporting information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting 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. The copies of such records shall be submitted to the MDEQ as required by Applicable Rules and Regulations of 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 monitor and record the duration (in hours) that each engine operates on a daily basis.

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

5.3 For Emission Points AA-009 and AA-010, the permittee shall demonstrate compliance with one (1) of the CO emission standards specified in Condition 3.7 by conducting routine performance testing on each engine every 8,760 hours of operation or once every three (3) years (whichever comes first).

All performance testing shall be conducted in accordance with the procedures specified in either Item 1 or Item 3 in Table 4 of Subpart ZZZZ (contingent upon the specified CO emission standard). Additionally, any performance test 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 each engine. Upon request, the permittee shall make available to the MDEQ such records as may be necessary to determine the conditions of a performance test.

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.

The permittee shall utilize the emissions data from a performance test in conjunction with the applicable equation(s) found in either 40 CFR 63.6620(e)(1) or (e)(2), Subpart ZZZZ to determine the final CO result.

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 CO emission standard is met.

(Ref.: 40 CFR 63.6615, 63.6620(a), (b), (d), (e) and (i), 63.6640(b), Table 3 (Item 4), and Table 4 (Item 1 or 3); Subpart ZZZZ)

5.4 For Emission Points AA-009 and AA-010, the permittee shall operate and maintain a continuous parameter monitoring system (CPMS) that collects the catalyst inlet temperature in accordance with the site-specific monitoring plan and the provisions specified in 40 CFR 63.6625(b)(3) – (6), Subpart ZZZZ.

The site-specific monitoring plan shall address the monitoring system design, data collection, and the quality assurance / quality control elements specified in 40 CFR 63.6625(b)(1)(i) – (v), Subpart ZZZZ. Additionally, the permittee shall maintain the plan on-site.

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

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

5.5 For Emission Points AA-009 and AA-010, the permittee shall monitor and collect the catalyst inlet temperature and pressure drop at all times an engine is operating, except for periods of monitor malfunction, associated repair, required performance evaluation, and required quality assurance / control activities.

For the purpose of this permit, a "monitoring malfunction" is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. However, a monitoring failure that is caused in part by poor maintenance or careless operation is not a malfunction.

The permittee shall not use data recorded during periods of monitoring malfunction, associated repair, and required quality assurance / control activity in data averages and calculations used. For all other periods, the permittee shall use all the valid data collected.

(Ref.: 40 CFR 63.6635; Subpart ZZZZ)

5.6 For Emission Points AA-009 and AA-010, the permittee must demonstrate continuous compliance with the applicable CO emission standard specified in Condition 3.7 and the operating limitations specified in Condition 3.8 by monitoring the catalyst pressure drop and the catalyst inlet temperature in accordance with the following requirements:

(a) *For the catalyst inlet temperature*: Reduce and maintain the data collected in accordance with Conditions 5.4 and 5.5 to rolling 4-hour averages.

(b) *For the catalyst pressure drop*: Measure the differential pressure drop across the catalyst once per month.

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

5.7 For Emission Points AA-009 and AA-010, the permittee shall maintain documentation that contains the following information:

(a) A copy of each notification and report submitted to comply with Subpart ZZZZ (including all documentation supporting any Notification of Compliance Status).

(b) Records on the occurrence and duration of each malfunction of an engine or the associated air pollution control / monitoring equipment;

(c) Records on any required performance tests and/or performance evaluations;

(d) Records on all required maintenance performed on air pollution control / monitoring equipment;

(e) Records on the actions taken during periods of malfunction to minimize emissions in accordance with Condition 4.1, including corrective actions to restore malfunctioning process and air pollution control / monitoring equipment to its normal or usual manner of operation.

(f) For each CPMS, the permittee shall maintain the following information:

(1) Records described in 40 CFR 63.10(b)(2)(vi) – (xi), Subpart A;

(2) Previous (i.e. superseded) versions of the performance evaluation plan as required in 40 CFR 63.8(d)(3), Subpart A; and

(3) Any request for alternatives to the relative accuracy test for a CPMS as required in 40 CFR 63.8(f)(6)(i), Subpart A (if applicable).

(Ref.: 40 CFR 63.6655(a) – (b); Subpart ZZZZ)

5.8 For Emission Points AA-011, AA-012, AA-015, and AA-048, the permittee shall maintain records that details the following information:

(a) All notifications submitted to comply with Subpart IIII;

(b) Any maintenance conducted on an engine;

(c) The manufacturer's emission-related written instructions for an engine; and

(d) Documentation from the manufacturer that indicate an engine is certified to meet the respective emission standards specified in Conditions 3.13, 3.14, and 3.18.

(Ref.: 40 CFR 60.4214(a)(2)(i) – (iii); Subpart IIII)
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.9 For Emission Points AA-011, AA-012, AA-013, AA-015, and AA-048, the permittee shall monitor and record (via a non-resettable hour meter) the hours of operation for each engine on a monthly basis for both emergency and non-emergency service. Additionally, the permittee shall detail (in writing) and maintain what classified each occurrence as either an emergency or a non-emergency.

(Ref.: 40 CFR 60.4214(b); Subpart IIII)
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).)

5.10 For Emission Points AA-027 and AA-033, the permittee shall maintain documentation on the following information:

(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), Subpart CCCCCC 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 CCCCCC)

5.11 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 4.6 by recording and maintaining the following information:

(a) The date and time of each sterilization cycle; and

(b) 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 and 63.10432; Subpart WWWWW)

SECTION 6
REPORTING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Reporting Requirement
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.1	Report Permit Deviations Within Five (5) Working Days
		6.2	Submit a Certified Semi-Annual Monitoring Report.
		6.3	All Documents Submitted to the MDEQ Shall Be Certified by a Responsible Official.
AA-009 AA-010	40 CFR 63.6645(g); Subpart ZZZZ 11 Miss. Admin. Code Pt. 2, R. 2.6.B(5).	6.4	Submit Notice of Intent for Performance Test Submit 10-Day Notification of Performance Testing Event
	40 CFR 63.6615(i) and 63.6645(h)(2); Subpart ZZZZ	6.5	Submit Performance Test Results
	40 CFR 63.6650(a), (c), (e), and Table 7 (Item 1); Subpart ZZZZ	6.6	Submit a Semi-Annual Compliance Report

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. The 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 semi-annual monitoring report (SMR) postmarked no later than January 31 and July 31 of each calendar year for the preceding six-month period. If the permit was reissued or modified during the course of the preceding six-month period, the SMR shall address each version of the permit. This report shall address any required monitoring specified in Section 6 of this 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.

Each SMR shall include (at a minimum) the following information:

(a) The hours of operation for each engine. For each emergency engine, the report shall include how many hours are spent for emergency operation, what classified the operation as an emergency, how many hours are spent for non-emergency operation, and the reason for the non-emergency operation.

(b) The throughput of gasoline (in gallons) on a monthly basis.

(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 Notification of Intent to conduct a performance test required by Condition 5.3 at least sixty (60) days before the performance test is scheduled to begin. The notification shall detail the procedures and test methods to be implemented during the actual testing.

The permittee shall notify the MDEQ in writing at least ten (10) days prior to the intended testing date so that a representative from the MDEQ may be afforded the opportunity to observe the stack testing.

If deemed necessary by the MDEQ, a conference may be required prior to the intended testing date to discuss the proposed test methods and procedures outlined in the performance testing protocol.

(Ref.: 40 CFR 63.6645(g); Subpart ZZZZ)
(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(5).)

6.5 For Emission Points AA-009 and AA-010, the permittee shall submit the results of a performance test required by Condition 5.3 to the MDEQ no later than sixty (60) days after the date the performance test was completed.

Additionally, the following information shall be included with the results from a performance test: the average percent load determination, 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.

All assumptions made to estimate or calculate the 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(i) and 63.6645(h)(2); Subpart ZZZZ)

6.6 For Emission Points AA-009 and AA-010, the permittee shall submit a semi-annual compliance report in accordance Condition 6.2 that contains the following information (as applicable):

(a) The company name and address;

(b) A statement by a Responsible Official, with that official's name, title, and signature, certifying the accuracy of the content of the report;

(c) If there was a malfunction during the reporting period, the report shall include the following information:

(1) The number, duration, and a brief description for each type of malfunction that occurred during the reporting period and which caused / may have caused any applicable emission limitation to be exceeded; and

(2) A description of actions taken during the malfunction to minimize emissions in accordance with Condition 4.1 including actions taken to correct the malfunction.

(d) If there are no deviations from any emission limitations or operating limitations, a statement that there were no deviations from the applicable emission limitations or operating limitations during the reporting period;

(e) If there were no periods during which a CPMS was out-of-control [as specified in 40 CFR 63.8(c)(7), Subpart A], a statement that there were not periods during which the CMS was out-of-control during the reporting period;

(f) If there was a deviation from an applicable CO emission standard, an operating limitation, and/or the CPMS was out-of-control during the reporting period, the report shall include the following information:

(1) The date and time that each malfunction started and stopped as well as the duration that a CPMS was inoperative [except for zero (low-level) and high-level checks] or out-of-control, including the information specified in 40 CFR 63.8(c)(8), Subpart A;

(2) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period;

(3) 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;

(4) 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;

(5) A summary of the total duration of CPMS downtime during the reporting period and the total duration of CPMS downtime as a percent of the total operating time at which the CPMS downtime occurred during that reporting period;

(6) A brief description of the engine;

(7) A brief description of the CPMS;

(8) The date of the latest CPMS certification or audit; and

(9) A description of any changes in a CPMS, process, or controls since the last reporting period.

(Ref.: 40 CFR 63.6650(a), (c), (e), and Table 7 (Item 1); Subpart ZZZZ)