



State of Mississippi



FEDERALLY ENFORCEABLE AIR POLLUTION CONTROL PERMIT

Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

THIS CERTIFIES

Singing River Hospital System

2809 Denny Avenue

Pascagoula, MS

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

Mississippi Department of Environmental Quality

Issued/Modified: MAY 03 2016

Expires: APR 30 2021

Permit No. 1280-00126

Agency Interest # 16750

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Permit to Operate Air Emissions Equipment at a Synthetic Minor Source

Singing River Hospital System

Subject Item Inventory

Permit Number: 1280-00126

Activity ID No.: PER20110001

Subject Item Inventory:

ID	Designation	Description
AI16750		
EQPT3	AA-003	6,000 gallon Diesel Fuel Belly Storage Tank for Generator #3
EQPT4	AA-004	6,000 gallon Diesel Fuel Belly Storage Tank for Generator #4
EQPT7	AA-007a	1.075 MMBTU/hr Natural Gas Fired Water Heater/Boiler
EQPT33	AA-007b	1.075 MMBTU/hr Natural Gas Fired Water Heater/Boiler
EQPT8	AA-008	Ten (10) Natural Gas Fired Cafeteria Combustion Units
EQPT9	AA-009	2785 hp Diesel Fueled (Compression Ignition) Non-Emergency Backup Electrical Generator built in 2002. Subject to MACT Subpart ZZZZ.
EQPT10	AA-010	2785 hp Diesel Fueled (Compression Ignition) Non-Emergency Backup Electrical Generator built in 2002. Subject to MACT Subpart ZZZZ.
EQPT11	AA-011	905 hp Diesel Fired (Compression Ignition) Emergency Backup Electrical Generator built in 2007. Subject to NSPS Subpart IIII.
EQPT12	AA-012	905 hp Diesel Fueled (Compression Ignition) Emergency Backup Electrical Generator built in 2008. Subject to NSPS Subpart IIII..
EQPT13	AA-013	265 hp Diesel Fueled (Compression Ignition) Emergency Backup Electrical Generator built in 1996.
EQPT14	AA-014	160 hp Diesel Fueled (Compression Ignition) Fire Water Pump Engine built in 1990.
EQPT15	AA-015	94 hp Diesel Fueled (Compression Ignition) Fire Water Pump Engine built in 2008. Subject to NSPS Subpart IIII.
EQPT16	AA-016	120 Gallon Diesel Fuel Day Storage Tank at Medical Park
EQPT17	AA-017	2000 gallon Underground Gasoline Storage Tank
EQPT18	AA-018	1000 Gallon Aboveground Gasoline Storage Tank
EQPT19	AA-019	500 Gallon Diesel Fuel Belly Storage Tank for Generator #1
EQPT20	AA-020	500 gallon Diesel Fuel Belly Storage Tank for Generator #2
EQPT21	AA-021	275 Gallon Diesel Fuel Belly Storage Tank for Generator #1

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EQPT22	AA-022	275 Gallon Diesel Fuel Belly Storage Tank for Generator #2
EQPT23	AA-023	100 Gallon Diesel Fuel Storage Tank for Generator #6
EQPT24	AA-024	180 Gallon Fire Pump Diesel Fuel Storage Tank
EQPT25	AA-025	100 Gallon Diesel Fuel Storage Tank for Generator #7
EQPT27	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.
CONT1	AA-028	Woodworking Shop Downdraft Table Cyclone
EQPT28	AA-029	Two (2) 2-cell Cooling Towers
EQPT29	AA-030	Two (2) Automotive Parts Washers
EQPT30	AA-031	Ethylene Oxide Sterilizer
EQPT31	AA-032	Paint Booth
EQPT32	AA-033	Gasoline Dispensing Facility with monthly throughput of less than 10,000 gallons of gasoline.
EQPT34	AA-037	2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
EQPT35	AA-034	2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
EQPT36	AA-035	2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
EQPT37	AA-036	2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
EQPT38	AA-039	2.52 MMBTU/hr Dual-fired Hurst Boiler
EQPT39	AA-038	2.52 MMBTU/hr Dual-fired Hurst Boiler
EQPT40	AA-042	0.5 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Lap Pool
EQPT41	AA-040	0.25 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Whirlpool
EQPT42	AA-041	0.25 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Therapy Pool

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ID	Designation	Description
EQPT43	AA-044	0.12 MMBTU/hr Natural Gas Fired Water Heater at Medical Park
EQPT44	AA-043	0.12 MMBTU/hr Natural Gas Fired Water Heater at Medical Park

Subject Item

Groups:

ID	Description	Components
GRPT2	MACT ZZZZ Requirements	EQPT9 2785 hp Diesel Fueled (Compression Ignition) Non-Emergency Backup Electrical Generator built in 2002. Subject to MACT Subpart ZZZZ.
		EQPT10 2785 hp Diesel Fueled (Compression Ignition) Non-Emergency Backup Electrical Generator built in 2002. Subject to MACT Subpart ZZZZ.
GRPT3	Existing Institutional Emergency Stationary RICE	EQPT13 265 hp Diesel Fueled (Compression Ignition) Emergency Backup Electrical Generator built in 1996.
		EQPT14 160 hp Diesel Fueled (Compression Ignition) Fire Water Pump Engine built in 1990.

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Subject Item Groups:

ID	Description	Components
GRPT4	Fuel Burning Requirements	EQPT7 1.075 MMBTU/hr Natural Gas Fired Water Heater/Boiler
		EQPT8 Ten (10) Natural Gas Fired Cafeteria Combustion Units
		EQPT34 2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
		EQPT35 2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
		EQPT36 2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
		EQPT37 2.0 MMBTU/hr Natural Gas Fired Condensing Water Boiler in Boiler Room
		EQPT38 2.52 MMBTU/hr Dual-fired Hurst Boiler
		EQPT39 2.52 MMBTU/hr Dual-fired Hurst Boiler
		EQPT40 0.5 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Lap Pool
		EQPT41 0.25 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Whirlpool
		EQPT42 0.25 MMBTU/hr Natural Gas Fired Heater for Medical Park Indoor Therapy Pool
		EQPT43 0.12 MMBTU/hr Natural Gas Fired Water Heater at Medical Park
		EQPT44 0.12 MMBTU/hr Natural Gas Fired Water Heater at Medical Park
GRPT5	NSPS Subpart IIII Requirements	EQPT11 905 hp Diesel Fired (Compression Ignition) Emergency Backup Electrical Generator built in 2007. Subject to NSPS Subpart IIII.
		EQPT12 905 hp Diesel Fueled (Compression Ignition) Emergency Backup Electrical Generator built in 2008. Subject to NSPS Subpart IIII..
		EQPT15 94 hp Diesel Fueled (Compression Ignition) Fire Water Pump Engine built in 2008. Subject to NSPS Subpart IIII.

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KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

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Submittal/Action Requirements:

Condition No.	Condition
S-1	Except as otherwise specified herein, the permittee shall Submit a certified annual synthetic minor monitoring report: Due annually, by the 31st of January for preceding calendar year. This report shall address any required monitoring specified in the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(11).]
S-2	General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]

Narrative Requirements:

Condition No.	Condition
T-1	General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.8.]
T-2	<p>General Condition: Maintenance</p> <p>(a) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following: (i) the permittee can identify the need for the maintenance; (ii) the source was at the time being properly operated; (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the maintenance to MDEQ within five (5) working days of the time the maintenance began or such other times as allowed by MDEQ, which contained a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.</p> <p>(c) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>

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Narrative Requirements:

Condition No.	Condition
T-3	<p>General Condition: Startups and Shutdowns</p> <p>(a) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows: (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above; (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.</p> <p>(c) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>
T-4	<p>General Condition: Upsets</p> <p>(a) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows: (i) an upset occurred and that the permittee can identify the cause(s) of the upset; (ii) the source was at the time being properly operated; (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit; (iv) the permittee submitted notice of the upset to the DEQ within five (5) working days of the time the upset began which contained a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(b) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.</p> <p>(c) This provision is in addition to any upset provision contained in any applicable requirement. [11 Miss. Admin.Code Pt. 2, R.1.10.]</p>

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Narrative Requirements:

Condition No.	Condition
T-5	<p>General Condition: Emergencies</p> <p>(a) Except as otherwise specified herein, an emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p> <p>(b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.</p> <p>(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence as follows: (i) an emergency occurred and that the permittee can identify the cause(s) of the emergency; (ii) the permitted facility was at the time being properly operated; (iii) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and (iv) the permittee submitted notice of the emergency to MDEQ within two (2) working days of the time when emission limitations were exceeded due to the emergency which contained a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.</p> <p>(d) In any enforcement proceeding, the permittee seeking to establish the occurrence of any emergency has the burden of proof.</p> <p>(e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein [11 Miss. Admin.Code Pt. 2, R.2.2.B(10).]</p>
T-6	<p>General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]</p>
T-7	<p>General Condition: The permittee shall retain all required records, monitoring data, supported 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. [11 Miss. Admin.Code Pt. 2, R.2.9.]</p>
T-8	<p>General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]</p>

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Narrative Requirements:

Condition No.	Condition
T-9	<p>General Condition: This permit does not authorize a modification as defined in 11 Miss. Admin. Code Pt. 2, Ch. 2 "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment". Modification is defined as "Any physical change in or change in the method of operation of a facility which increases actual emissions or 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:</p> <ul style="list-style-type: none">(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: (i) 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 51.166; or (ii) the source is approved to use under any permit issued under 40 CFR 52.51 or under regulations approved pursuant to 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 52.51, or under regulations approved pursuant to Subpart I or 40 CFR 51.166; or(f) any change in ownership of the stationary source" [11 Miss. Admin.Code Pt. 2, R. 2.1.D(2).]
T-10	<p>General Condition: The permittee shall furnish to MDEQ within a reasonable time any information 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 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 MDEQ along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(d).]</p>
T-11	<p>General Condition: 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. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(7).]</p>
T-12	<p>General Condition: 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 [11 Miss. Admin.Code Pt. 2, R. 2.4.D.]</p>
T-13	<p>General Condition: This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R. 2.1.D(1).]</p>

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Narrative Requirements:

Condition No.	Condition
T-14	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [11 Miss. Admin. Code Pt. 2, R. 2.16.B.]
T-15	General Condition: Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(7).]
T-16	General Condition: 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. [11 Miss. Admin.Code Pt. 2, R. 2.2.B(15)(c).]
T-17	General Condition: 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. [Miss. Code Ann. 49-17-39]
T-18	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this 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 condition of the permit. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-19	General Condition: 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) 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 any condition that required either a temporary or permanent reduction or elimination of authorized air emissions. [11 Miss. Admin.Code Pt. 2, R. 2.2.C.]

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Narrative Requirements:

Condition No.	Condition
T-20	General Condition: 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. [Miss. Code Ann. 49-17-21]
T-21	General Condition: 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. [11 Miss. Admin.Code Pt. 2, R.2.10.]
T-22	General Condition: 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", [11 Miss. Admin.Code Pt. 2, R.1.10.]
T-23	General Condition: 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. [Miss. Code Ann. 49-17-29 1.a(i and ii)]
T-24	General Condition: The permittee shall at all times maintain in good working order and operate as efficiently as possible all air pollution control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. [11 Miss. Admin. Code Pt. 2, R. 2.5.A.]
T-25	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49-17-29 1.b]

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EQPT0000000009 (AA-009) 2785 hp Diesel Fueled (Compression Ignition) Non-Emergency Backup Electrical Generator built in 2002. Subject to MACT Subpart ZZZZ.:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Nitrogen oxides	Nitrogen oxides: For Emission Point AA-009, 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). [Other]
L-2	Sulfur Dioxide	Sulfur Dioxide: For Emission Point AA-009, 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). [Other]
L-3		For Emission Point AA-009, the permittee shall not exceed 700 hours of operation per generator per year, with "year" defined as a consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Nitrogen oxides	Nitrogen oxides: For Emission Point AA-009, the permittee shall perform a one time stack test on nitrogen oxides within 18 months of permit issuance. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	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. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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EQPT0000000009 (AA-009) 2785 hp Diesel Fueled (Compression Ignition) Non-Emergency Backup Electrical Generator built in 2002. Subject to MACT Subpart ZZZZ.:

Submittal/Action Requirements:

Condition No.	Condition
S-1	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. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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EQPT0000000010 (AA-010) 2785 hp Diesel Fueled (Compression Ignition) Non-Emergency Backup Electrical Generator built in 2002. Subject to MACT Subpart ZZZZ.:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Nitrogen oxides	Nitrogen oxides: For Emission Point AA-010, the permittee shall not exceed 60.50 lb/hr and 21.17 tons/year of Nitrogen Oxides as determined by EPA Test Method 7, 40 CFR 60, Appendix A. (Ref.: Federally Enforceable Construction Permit issued May 7, 2002). [Other]
L-2	Sulfur Dioxide	Sulfur Dioxide: For Emission Point AA-010, 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). [Other]
L-3		For Emission Point AA-010, the permittee shall not exceed 700 hours of operation per generator per year, with "year" defined as a consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Nitrogen oxides	Nitrogen oxides: For Emission Point AA-010, the permittee shall perform a one time stack test on nitrogen oxides within 18 months of permit issuance. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	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. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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Submittal/Action Requirements:

Condition No.	Condition
S-1	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. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]

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EQPT0000000030 (AA-031) Ethylene Oxide Sterilizer:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The permittee shall sterilize full loads of items having a common aeration time, except under medically necessary circumstances. [40 CFR 63.10390]

Record-Keeping Requirements:

Condition No.	Condition
R-1	For each sterilization unit not equipped with an air pollution control device, the permittee shall demonstrate continuous compliance with the management practice standard in 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. [40 CFR 63.10420]
R-2	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. [40 CFR 63.10432]
R-3	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. [40 CFR 63.10434]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Point AA-031, the permittee is subject to and shall comply with National Emission Standards for Hospital Ethylene Oxide Sterilizers (40 CFR 63, Subpart WWWW) and the General Provisions (40 CFR 63, Subpart A). [40 CFR 63.10382(a)]

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EQPT0000000032 (AA-033) Gasoline Dispensing Facility with monthly throughput of less than 10,000 gallons of gasoline.:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		<p>The permittee shall comply with the following:</p> <p>(a) 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:</p> <ul style="list-style-type: none">(1) Minimize gasoline spills;(2) Clean up spills as expeditiously as practicable;(3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;(4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators. <p>(b) You are not required to submit notifications or reports as specified in 40 CFR 63.11125, 40 CFR 63.11126, or subpart A, but the permittee shall have records available within 24 hours of a request by the MDEQ to document your gasoline throughput. [40 CFR 63.11116]</p>

Narrative Requirements:

Condition No.	Condition
T-1	The permittee is subject to and shall comply with the applicable provisions of National Emission Standards for Hazardous Air Pollutants for Gasoline Dispensing Facilities (40 CFR 63, Subpart CCCCCC) and the General Provisions (40 CFR 63, Subpart A). [40 CFR 63.11110]
T-2	The permittee shall comply with the requirements in 40 CFR 63.11116 for the Gasoline Dispensing Facility with a throughput of less than 10,000 gallons of gasoline per month. [40 CFR 63.11111(b)]

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GRPT0000000002 MACT ZZZZ Requirements:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Points AA-009 and AA-010, the permittee shall not exceed 700 hours of operation per generator per year, with "year" defined as a consecutive 12-month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
L-2		Compliance with the numerical emission limitations established in 40 CFR 63, Subpart ZZZZ, is based on the results of testing the average of three 1-hour runs using testing requirements and procedures in 40 CFR 63.6620 and Table 4 of Subpart ZZZZ. [40 CFR 63.6603]
L-3		The permittee shall comply with the requirements in 40 CFR 63, Subpart ZZZZ, Table 2d and the operating limitations in Table 2b. [40 CFR 63.6603(a)]
L-4		The permittee shall meeting the following requirements, except during periods of startup: 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. [40 CFR 63.Table 2d(3)]
L-5		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: (1) Sulfur content: 15 ppm maximum (2) Cetane index or aromatic content, as follows: (i) A minimum cetane index of 40; or (ii) A maximum aromatic content of 35 volume percent. [40 CFR 63.6604(a)]
L-6		Nonroad diesel fuel is subject to the following per-gallon standards: (1) Sulfur content: 15 ppm maximum (2) Cetane index or aromatic content, as follows: (i) A minimum cetane index of 40; or (ii) A maximum aromatic content of 35 volume percent. [Other]

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GRPT0000000002 MACT ZZZZ Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>The permittee shall comply with the following:</p> <p>(a) Be in compliance with the emission limitations, operating limitations, and other requirements in 40 CFR 63, Subpart ZZZZ at all times.</p> <p>(b) Operate and maintain any affected source, 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 you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to 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. [40 CFR 63.6605]</p>
M-2		<p>The permittee shall conduct subsequent performance tests every 8,760 hours or 3 years, whichever comes first.</p> <p>The permittee shall conduct each performance test in 40 CFR 63, Subpart ZZZZ Tables 3 and 4. [40 CFR 63.6615, 40 CFR 63.6620(a), 40 CFR 63.6620(b), 40 CFR 63.Table 3(4)]</p>
M-3		<p>The permittee shall conduct each performance test in 40 CFR 63, Subpart ZZZZ Tables 3 and 4. [40 CFR 63.6620(a)]</p>
M-4		<p>Each performance test shall be conducted according to the requirements in 40 CFR 63, Subpart ZZZZ, Table 4. [40 CFR 63.6620(b)]</p>
M-5		<p>The permittee shall conduct three separate test runs for each performance test required in this section, as specified in 40 CFR 63.7(e)(3). Each test run must last at least 1 hour, unless otherwise specified in 40 CFR 63, Subpart ZZZZ. [40 CFR 63.6620 (d)]</p>

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GRPT0000000002 MACT ZZZZ Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-6		<p>The permittee shall comply with the following:</p> <p>(1) The permittee shall use Equation 1 of 40 CFR 63.6620(e) to determine compliance with the</p> <p>(2) The permittee shall normalize the CO, THC, or formaldehyde concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO₂). If pollutant concentrations are to be corrected to 15 percent oxygen and CO₂ concentration is measured in lieu of oxygen concentration measurement, a CO₂ correction factor is needed. Calculate the CO₂ correction factor as described in 40 CFR 63.6620(e)(2)(i) through (iii). [40 CFR 63.6620(e)]</p>
M-7		<p>If you comply with the emission limitation to reduce CO and you are not using an oxidation catalyst, if you comply with the emission limitation to reduce formaldehyde and you are not using NSCR, or if you comply with the emission limitation to limit the concentration of formaldehyde in the stationary RICE exhaust and you are not using an oxidation catalyst or NSCR, the permittee shall petition the MDEQ for operating limitations to be established during the initial performance test and continuously monitored thereafter; or for approval of no operating limitations. You must not conduct the initial performance test until after the petition has been approved by the MDEQ. [40 CFR 63.6620(f)]</p>
M-8		<p>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. [40 CFR 63.6620(i)]</p>

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GRPT0000000002 MACT ZZZZ Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-9		<p>If you elect to install a CEMS as specified in 40 CFR 63, Subpart ZZZZ, Table 5, the permittee shall install, operate, and maintain a CEMS to monitor CO and either O₂ or CO₂ according to the requirements in 40 CFR 63.6625(a)(1) through (4). If you are meeting a requirement to reduce CO emissions, the CEMS must be installed at both the inlet and outlet of the control device. If you are meeting a requirement to limit the concentration of CO, the CEMS must be installed at the outlet of the control device.</p> <p>(1) Each CEMS must be installed, operated, and maintained according to the applicable performance specifications of 40 CFR 60, appendix B.</p> <p>(2) You must conduct an initial performance evaluation and an annual relative accuracy test audit (RATA) of each CEMS according to the requirements in 40 CFR 63.8 and according to the applicable performance specifications of 40 CFR 60, appendix B as well as daily and periodic data quality checks in accordance with 40 CFR 60, appendix F, procedure 1.</p> <p>(3) As specified in 40 CFR 63.8(c)(4)(ii), each CEMS must complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period. You must have at least two data points, with each representing a different 15-minute period, to have a valid hour of data.</p> <p>(4) The CEMS data must be reduced as specified in 40 CFR 63.8(g)(2) and recorded in parts per million or parts per billion (as appropriate for the applicable limitation) at 15 percent oxygen or the equivalent CO₂ concentration. [40 CFR 63.6625(a)]</p>
M-10		<p>If you are required to install a continuous parameter monitoring system (CPMS) as specified 40 CFR 63, Subpart ZZZZ, Table 5, the permittee shall install, operate, and maintain each CPMS according to the requirements in 40 CFR 63.6625(b)(1) through (6).</p> <p>(1) You must prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in 40 CFR 63.6625(b)(1)(i) through (v) and in 40 CFR 63.8(d). As specified in 40 CFR 63.8(f)(4), you may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in 40 CFR 63.6625(b)(1) through (5) in your site-specific monitoring plan.</p> <p>(i) The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations;</p> <p>(ii) Sampling interface (<i>e.g.</i>, thermocouple) location such that the monitoring system will provide representative</p>

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GRPT0000000002 MACT ZZZZ Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
		measurements;
		(iii) Equipment performance evaluations, system accuracy audits, or other audit procedures;
		(iv) Ongoing operation and maintenance procedures in accordance with provisions in 40 CFR 63.8(c)(1)(ii) and (c)(3); and
		(v) Ongoing reporting and recordkeeping procedures in accordance with provisions in 40 CFR 63.10(c), (e)(1), and (e)(2) (i).
		(2) You must install, operate, and maintain each CPMS in continuous operation according to the procedures in your site-specific monitoring plan.
		(3) The CPMS must collect data at least once every 15 minutes (see also 40 CFR 63.6635).
		(4) For a CPMS for measuring temperature range, the temperature sensor must have a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger.
		(5) You must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in your site-specific monitoring plan at least annually.
		(6) You must conduct a performance evaluation of each CPMS in accordance with your site-specific monitoring plan. [40 CFR 63.6625(b)]

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GRPT0000000002 MACT ZZZZ Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-11		<p>If you own or operate an existing non-emergency, non-black start CI engine greater than or equal to 300 HP that is not equipped with a closed crankcase ventilation system, the permittee shall comply with either 40 CFR 63.6625(g)(1) or (2). 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.</p> <p>(1) Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or</p> <p>(2) 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. [40 CFR 63.6625(g)]</p>
M-12		<p>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 40 CFR 63, Subpart ZZZZ, Tables 1a, 2a, 2c, and 2d apply. [40 CFR 63.6625(h)]</p>
M-13		<p>The permittee shall comply with the following:</p> <p>(a) The permittee shall comply with emission and operating limitations and monitor and collect data according to 40 CFR 63.6635.</p> <p>(b) 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.</p> <p>(c) 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. [40 CFR 63.6635]</p>
M-14		<p>The permittee shall demonstrate continuous compliance with 40 CFR 63, Subpart ZZZZ, Table 6. [40 CFR 63.6640(a)]</p>

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GRPT0000000002 MACT ZZZZ Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-15		The permittee shall report each instance in which you did not meet each emission limitation or operating limitation in 40 CFR 63, Subpart ZZZZ, Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d that apply. 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 you reestablish the values of your operating parameters, the permittee shall also conduct a performance test to demonstrate that you are meeting the required emission limitation applicable to your stationary RICE. [40 CFR 63.6640(b)]

Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>The permittee shall keep the following records:</p> <ul style="list-style-type: none">(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).(2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.(3) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR 63.6655(a)]
R-2	<p>For each CEMS or CPMS, the permittee shall keep the records listed below:</p> <ul style="list-style-type: none">(1) Records described in 40 CFR 63.10(b)(2)(vi) through (xi).(2) Previous (i.e., superseded) versions of the performance evaluation plan as required in 40 CFR 63.8(d)(3).(3) Requests for alternatives to the relative accuracy test for CEMS or CPMS as required in 40 CFR 63.8(f)(6)(i), if applicable. [40 CFR 63.6655(b)]
R-3	<p>The permittee shall keep the records required in 40 CFR 63, Subpart ZZZZ, Table 6 to show continuous compliance with each emission or operating limitation that applies. [40 CFR 63.6655(d)]</p>

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GRPT0000000002 MACT ZZZZ Requirements:

Record-Keeping Requirements:

Submittal/Action Requirements:

Condition No.	Condition
S-1	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. [40 CFR 63.6645(a)]
S-2	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). [40 CFR 63.6645(g)]
S-3	The permittee shall submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii). [40 CFR 63.6645(h)]
S-4	The permittee shall submit a compliance report semi-annually containing the information in 40 CFR 63.6650(c). [40 CFR 63.6650(a)]
S-5	The Compliance report must contain the information in 40 CFR 63.6650(c). [40 CFR 63.6650(c)]
S-6	For each deviation from an emission or operating limitation that occurs for a stationary RICE where not using a CMS to comply with the emission or operating limitations, the Compliance report must contain the information in 40 CFR 63.6650(c)(1) through (4) and the information in 40 CFR 63.6650(d)(1) and (2). [40 CFR 63.6650(d)]
S-7	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 40 CFR 63.6650(e)(1) through (12). [40 CFR 63.6650(e)]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Points AA-009 and AA-010, the permittee is subject to and shall comply with all applicable requirements of National Emission Standards for Hazardous Air Pollutants from Stationary Reciprocating Internal Combustion Engines (40 CFR 63, Subpart ZZZZ) and the General Provisions (40 CFR 63, Subpart A). [40 CFR 63.6585(a)]

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GRPT0000000003 Existing Institutional Emergency Stationary RICE:

Narrative Requirements:

Condition No.	Condition
T-1	Existing institutional emergency stationary RICE located at an area source of HAP emissions that do not operate or are not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii) and that do not operate for the purpose specified in 40 CFR 63.6640(f)(4)(ii) are not subject to 40 CFR 63, Subpart ZZZZ. [40 CFR 63.6585(f)(3)]

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GRPT0000000004 Fuel Burning Requirements:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		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. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).]
L-2		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. [11 Miss. admin. Code Pt. 2, R. 1.3.D(1)(a).]
L-3		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. [11 Miss. Admin. Code Pt. 2, R. 1.3.8.B.]

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GRPT0000000005 NSPS Subpart IIII Requirements:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		For Emission Points AA-011 and AA-012, the permittee shall comply with the emission standards for new nonroad CI engines in 40 CFR 60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE. [40 CFR 60.4205(b)]
L-2		For Emission Point AA-015, the permittee shall comply with the emission standards in 40 CFR 60, Subpart IIII, Table 4, for all pollutants. [40 CFR 60.4205(c)]
L-3		For Emission Points AA-011 and AA-012, the permittee shall comply with the certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 89.113 for all pollutants beginning in model year 2007. [40 CFR 60.4202(a)(2)]
L-4		For Emission Point AA-015, the permittee shall comply with the following emission standards for stationary fire pump engines. NMHC + NOx -- 3.0 g/HP-hr PM - 0.22 g/HP-hr. [40 CFR 60_Subpart IIII.Table 4]
L-5		The permittee shall operate and maintain the stationary CI ICE that achieve the emission standards as required in 40 CFR 60.4205 over the entire life of the engine. [40 CFR 60.4206]
L-6		The permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. [40 CFR 60.4207(b)]
L-7		The permittee shall comply with the following per-gallon standards: (1) Sulfur Content -- 15 ppm maximum (2) Cetane index -- minimum of 40 or Aromatic content -- maximum 35 volume percent. [40 CFR 80.510(b)]. [Other]
L-8		The permittee shall install a non-resettable hour meter. [40 CFR 60.4209(a)]

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GRPT0000000005 NSPS Subpart IIII Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		The permittee shall comply with the following: (1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions; (2) Change only those emission-related settings that are permitted by the manufacturer; and (3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply. [40 CFR 60.4211(a)]
M-2		For Emission Points AA-011 and AA-012, the permittee shall comply with the emission standards in 40 CFR 60.4205(b). The engine shall be installed and configured according to the manufacturer's emission-related specifications. [40 CFR 60.4211(c)]

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GRPT0000000005 NSPS Subpart IIII Requirements:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-3		<p>In order for the engine to be considered an emergency stationary ICE, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year is prohibited. If you do not operate the engine according to the requirements in 40 CFR 60.4211(f), the engine will not be considered an emergency engine and must meet all requirements for non-emergency engines.(1) There is no time limit on the use of emergency stationary ICE in emergency situations.(2) The permittee shall operate the emergency stationary ICE for any combination of the purposes specified in 40 CFR 60.4211(f)(2)(i) through (iii) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 40 CFR 60.4211(f)(3) counts as part of the 100 hours per calendar year allowed.</p> <p>(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine.</p> <p>(ii) Emergency stationary ICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see §60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.</p> <p>(iii) Emergency stationary ICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.(3) Emergency stationary ICE 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 provided in 40 CFR 60.4211(f)(2). Except as provided in 40 CFR 60.4211(f)(3)(i), 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 an electric grid or otherwise supply power as part of a financial arrangement with another entity.</p> <p>(i) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of 40 CFR 60.4211(f)(3)(i)(A) – (E) are met. [40 CFR 60.4211(f)]</p>

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GRPT0000000005 NSPS Subpart IIII Requirements:

Record-Keeping Requirements:

Condition No.	Condition
R-1	The permittee shall keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The permittee shall record the time of operation of the engine and the reason the engine was in operation during that time. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(11), 40 CFR 60.4214(b)]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Points AA-011, AA-012, and AA-015, the permittee is subject to and shall comply with all applicable requirements of Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and the General Provisions (40 CFR 60, Subpart A). [40 CFR 60.4200(a)(2)(ii), 40 CFR 60.4200(a)(2)(i)]

GENERAL INFORMATION

Singing River Hospital System
2809 Denny Avenue
Pascagoula, MS
Jackson County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
16750	Singing River Hospital System	Official Site Name	01/31/2008	
2805900126	Singing River Hospital System	Air-AIRS AFS	12/07/2001	
128000126	Southern Company Energy Solutions LLC, Singing River Hospital	Air-Construction	05/07/2002	
128000126	Southern Company Energy Solutions LLC, Singing River Hospital	Air-Synthetic Minor Operating	05/07/2002	05/02/2007
1532	Singing River Hospital	UST	03/04/1986	
128000126	Southern Company Energy Solutions LLC, Singing River Hospital	Air-Synthetic Minor Operating	05/02/2007	02/08/2008
16750	Southern Company Energy Solutions, LLC	Historic Site Name	12/07/2001	01/31/2008
128000126	Singing River Hospital System	Air-Synthetic Minor Operating	02/08/2008	04/30/2012
1765	Singing River Hospital	Historic Site Name	03/27/1990	12/07/2001
2805900078	Singing River Hospital	Air-AIRS AFS	03/27/1990	12/07/2001
MSD982114654	Singing River Hospital	Hazardous Waste-EPA ID	03/27/1990	12/07/2001
128000078	Singing River Hospital	Air-State Operating	03/27/1990	04/01/1993
128000126	Singing River Hospital System	Air-Synthetic Minor Operating	05/03/2016	04/30/2021

Location Description:

PG- Plant Entrance (General). Data collected by Diane Gledhill on 11/16/2005. Elevation 13.3 feet. *Accuracy -23.7'. **Main Entrance off Frontage Road.