STATE OF MISSISSIPPI
AND FEDERALLY ENFORCEABLE
AIR POLLUTION CONTROL
PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT AT A SYNTHETIC MINOR SOURCE

THIS CERTIFIES THAT

US Navy, Naval Construction Battalion Center
461 Upper Nixon Avenue
Gulfport, Mississippi
Harrison County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with the Federal Clean Air Act and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), the regulations and standards adopted and promulgated thereunder, and the State Implementation Plan for operating permits for synthetic minor sources.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

_____

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: _____ **Permit No.: 1020-00080**

Effective Date: As specified herein.

Expires: [No more than 5 years from the issue date.]

Section 1.

A. GENERAL CONDITIONS

1. This permit is for air pollution control purposes only.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)

2. This permit is a Federally-approved permit to operate a synthetic minor source as described in 11 Miss. Admin. Code Pt. 2, R. 2.4.D.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.4.D.)

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

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

4. The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)

5. The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)

6. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state.

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

7. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

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

8. The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their authorized representatives, upon the presentation of credentials:

   a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit, and

   b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emission.

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

9. Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control.

   (Ref.: Miss. Code Ann. 49-17-39)

10. The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby.

    (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(7).)

11. This permit does not authorize a modification as defined in Regulation 11 Miss. Admin. Code Pt. 2, Ch.2., "Permit Regulations for the Construction and/or Operation of Air Emission Equipment." A modification may require a Permit to Construct and a modification of this permit. Modification is defined as "Any physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

    a. Routine maintenance, repair, and replacement;

    b. Use of an alternative fuel or raw material by reason of an order under Sections 2(a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;

    c. Use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;

    d. Use of an alternative fuel or raw material by a stationary source which:

        (1) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, or 40 CFR 51.166; or

        (2) The source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, or 40 CFR 51.166;

    e. An increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I or 40 CFR 51.166; or

    f. Any change in ownership of the stationary source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.C(15).)

B. GENERAL OPERATIONAL CONDITIONS

1. Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in Regulation, 11 Miss. Admin. Code Pt. 2, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.10.)

2. Any diversion from or bypass of collection and control facilities is prohibited, except as provided for in 11 Miss. Admin. Code Pt. 2, R. 1.10., "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants."

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

3. Solids removed in the course of control of air emissions shall be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits.

   (Ref.: Miss. Code Ann. 49-17-29 1.a(i and ii))

4. Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, and shutdowns.

   a. Upsets

      (1) For an upset defined in 11 Miss. Admin. Code Pt. 2, R. 1.2., the Commission may pursue an enforcement action for noncompliance with an emission standard or other requirement of an applicable rule, regulation, or permit. In determining whether to pursue enforcement action, and/or the appropriate enforcement action to take, the Commission may consider whether the source has demonstrated through properly signed contemporaneous operating logs or other relevant evidence the following:

         (i) An upset occurred and that the source can identify the cause(s) of the upset;

         (ii) The source was at the time being properly operated;

         (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;

         (iv) That within 5 working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;

         (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or

caused a general nuisance to the public, the source provided notification to the Department.

(2) In any enforcement proceeding by the Commission, the source seeking to establish the occurrence of an upset has the burden of proof.

(3) This provision is in addition to any upset provision contained in any applicable requirement.

(4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.

b. Startups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.)

(1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.

(2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).

(3) Where an upset as defined in Rule 1.2 occurs during startup or shutdown, see the upset requirements above.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

5. Compliance Testing: Regarding compliance testing:

a. The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.

b. Compliance testing will be performed at the expense of the permittee.

c. Each emission sampling and analysis report shall include but not be limited to the following:

(1) Detailed description of testing procedures;

(2) Sample calculation(s);

(3) Results; and

(4) Comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(3), (4), and (6).)

C. PERMIT RENEWAL / MODIFICATION / TRANSFER / TERMINATION

1. For renewal of this permit, the applicant shall make application not less than one-hundred eighty (180) days prior to the expiration date of the permit substantiated with current emissions data, test results or reports or other data as deemed necessary by the Mississippi Environmental Quality Permit Board. If the applicant submits a timely and complete application pursuant to this paragraph and the Permit Board, through no fault of the applicant, fails to act on the application on or before the expiration date of the existing permit, the applicant shall continue to operate the stationary source under the terms and conditions of the expired permit, which shall remain in effect until final action on the application is taken by the Permit Board. Permit expiration terminates the source's ability to operate unless a timely and complete renewal application has been submitted.

   (Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.8.)

2. The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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

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

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

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

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

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

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

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

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

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

SECTION 2
EMISSION POINT DESCRIPTION

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

Emission Point	Description
AA-000	Facility-Wide [US Navy, Naval Construction Battalion Center]
AA-001	Facility-Wide Natural Gas-Fired External Combustion Equipment
AA-002	Facility-Wide Emergency Compression Ignition (CI) Internal Combustion Engines (ICE) [full list in Appendix A]
AA-003	Facility-Wide Painting, Cleaning, and Solvent Usage Operations
AA-004	Woodworking and Carpentry Operations [emissions are routed to a high-efficiency cyclone]
AA-005	Facility-Wide Gasoline Dispensing Facilities and Associated Storage Tanks
AA-006	Facility-Wide Welding Operations
AA-007	Facility-Wide Diesel- and Gasoline-Fired Engine Repair and Maintenance Testing Operations
AA-008	Facility-Wide Emergency Spark Ignition (SI) Internal Combustion Engines (ICE) [full list in Appendix A]
AA-009	Fire Fighting Training Operations [activities primarily include wood pallet and/or propane burning]

SECTION 3
EMISSION LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limitation/Standard
AA-000	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.1	Opacity (smoke)	≤ 40%
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2	Opacity	≤ 40%
	11 Miss. Admin. Code Pt. 2, R. 1.3.C.	3.3	All Pollutants	General Nuisance Clause
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.4	PM (filterable)	≤ 0.6 lb/MMBTU
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.5		$E = 0.8808 \times I^{-0.1667}$
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). (Title V Avoidance Limit)	3.6	VOC	≤ 90.0 tpy (rolling 12-month total)
		3.7	NO_X	≤ 90.0 tpy (rolling 12-month total)
		3.8	CO	≤ 90.0 tpy (rolling 12-month total)
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). (Major Source Avoidance Limit)	3.9	HAP	≤ 9.0 tpy (individual) ≤ 24.0 tpy (total) (rolling 12-month totals)
AA-002 AA-008	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) 40 CFR 63.6585(a) and (c), 63.6590(a)(1)(iii), (a)(2)(iii), (c)(1), 63.6665, and Table 8, Subpart ZZZZ	3.10	HAP	Applicability
	40 CFR 63.6640(f)(1) – (3), Subpart ZZZZ 40 CFR 60.4211(f)(1) –(3), Subpart IIII 40 CFR 60.4243(d)(1) – (3), Subpart JJJJ	3.11	Operation	≤ 100 hours/calendar year for maintenance and readiness testing ≤ 50 hours/calendar year for non-emergency situations
AA-002	40 CFR 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Combustion Engines) 40 CFR 60.4200(a)(2) and Table 8, Subpart IIII	3.12	NMHC + NO_X CO PM (filterable)	Applicability
	40 CFR 60.4202(a), 60.4205(a) – (c), 60.4206, Tables 1, 2, and 4, Subpart IIII	3.13	Opacity	Comply with applicable emissions standards
	40 CFR 60.4207(b), Subpart IIII	3.14	Diesel Fuel	15 ppm sulfur content (max.); and 40 Cetane Index (min.) or 35% aromatic content (max. – by volume)
AA-008	40 CFR 60, Subpart JJJJ (Standards	3.15	NO_X + HC	Applicability

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limitation/Standard
	of Performance for Stationary Spark Ignition Combustion Engines) 40 CFR 60.4230(a)(4) and Table 3, Subpart JJJJ		CO VOC	
	40 CFR 60.4233(e), Subpart JJJJ	3.16		Comply with applicable emission standards
	40 CFR 60.4243(e), Subpart JJJJ	3.17	Propane Combustion	≤ 100 hours/calendar year
AA-003	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.18	PM (filterable)	Operational Requirements (control devices)
AA-004		3.19		Operational Requirements (cyclone)
AA-005	40 CFR 63, Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities) 40 CFR 63.11111(a), (d), and Table 3, Subpart CCCCCC	3.20	HAP	Applicability

3.1 For Emission Point AA-000 (Facility-Wide), except as otherwise specified or limited herein, the permittee shall not cause or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial, or waste disposal process, which exceed 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 startup in any one 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 (i.e. ash removal) 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 Point AA-000 (Facility-Wide), unless otherwise specified herein, the permittee shall not cause, allow, or permit the discharge into the ambient air (from any point source or emissions) any air contaminant of such opacity as to obscure an observer's view to a degree in excess of forty 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 Point AA-000 (Facility-Wide), the permittee shall not cause or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.

Additionally, the permittee shall not cause the handling, transporting, or storage of any material in a manner, which allows or may allow unnecessary amounts of particulate matter to become airborne.

When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment and cause a nuisance to a property other than the one from which it originated or any other provision of this regulation is violated, the MDEQ may order that all air and gases or air and gas-borne material leaving the building or equipment are controlled or removed prior to discharge to the open air.

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

3.4 For Emission Point AA-000 (Facility-Wide), the maximum permissible emission of ash and/or particulate matter (PM) from fossil fuel burning installations of less than 10 million BTU (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).)

3.5 For Emission Point AA-000 (Facility-Wide), the maximum permissible emission of ash and/or particulate matter (PM) from each unit shall not exceed a rate as determined by the following relationship:

$E = 0.8808 \times I^{-0.1667}$

Where "E" is the emission rate in pounds per million BTU (MMBTU) per hour heat input, and "I" is the heat input in millions of BTU per hour.

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

3.6 For Emission Point AA-000 (Facility-Wide), the permittee shall limit the emission of volatile organic compounds (VOC) to no more than 90.0 tons per year (tpy) as determined on a rolling 12-month total basis.

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

3.7 For Emission Point AA-000 (Facility-Wide), the permittee shall limit the emission of nitrogen oxides (NO_X) to no more than 90.0 tons per year (tpy) as determined on a rolling 12-month total basis.

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

3.8 For Emission Point AA-000 (Facility-Wide), the permittee shall limit the emission of carbon monoxide (CO) to no more than 90.0 tons per year (tpy) as determined on a rolling 12-month total basis.

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

3.9 For Emission Point AA-000 (Facility-Wide), the permittee shall limit the emission of hazardous air pollutants (HAP) to no more than 9.0 tons per year (tpy) of any individual HAP and no more than 24.0 tpy of all combined HAP as determined on a rolling 12-month total basis.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). – Major Source Avoidance Limit)

3.10 For Emission Points AA-002 and AA-008, the permittee is subject to and shall comply with the applicable provisions of 40 CFR 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, and 40 CFR 63, Subpart A, General Provisions, as established in Table 8 of Subpart ZZZZ.

For the purpose of this permit, a stationary RICE for which construction commenced on/after June 12, 2006, is considered "new." Therefore, the permittee shall demonstrate compliance with Subpart ZZZZ for new compression-ignition RICE (designated in Appendix A) by complying with 40 CFR 60, Subpart IIII, and for new spark-ignition RICE (designated in Appendix A) by complying with 40 CFR 60, Subpart JJJJ.

(Ref.: 40 CFR 63.6585(a) and (c), 63.6590(a)(1)(iii), (a)(2)(iii), (c)(1), 63.6665, and Table 8, Subpart ZZZZ)

3.11 For Emission Points AA-002 and AA-008, any operation of an engine for any reason other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year is prohibited. If any 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 associated with the engine. Maintenance checks and readiness testing of an engine is limited to a maximum of 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) – (3), Subpart ZZZZ, 40 CFR 60.4211(f)(1) – (3), Subpart IIII, and 40 CFR 60.4243(d)(1) – (3), Subpart JJJJ)

3.12 For Emission Point AA-002, the permittee is subject to and shall comply with the applicable provisions of 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, and 40 CFR 60, Subpart A, General Provisions as established in Table 8 of Subpart IIII.

(Ref.: 40 CFR 60.4200(a)(2) and Table 8, Subpart IIII)

3.13 For Emission Point AA-002, the permittee shall comply with the following specified emission standards for each engine:

(a) For any non-fire pump emergency engine manufactured after April 1, 2006, and before January 1, 2007, the permittee shall comply the applicable standards specified in Table 1 of Subpart IIII;

(b) For any non-fire pump emergency engine manufactured in the calendar year of 2007 with a rated power less than 50 horsepower (hp), the permittee shall comply with the applicable emission standards specified in Table 2 of Appendix I in 40 CFR Part 1039;

(c) For any non-fire pump emergency engine manufactured in the calendar year of 2008 or later and with a rated power less than 50 hp, the permittee shall comply with the applicable emission standards specified in Table 2 of Subpart IIII;

(d) For any non-fire pump emergency engine with a rated power equal to or greater than 50 hp, the permittee shall comply the applicable emission standards specified in Table 2 or 3 of Appendix I in 40 CFR Part 1039 (based on the model year and rated power); and

(e) For any fire pump emergency engine manufactured after July 1, 2006, the permittee shall comply with the applicable emission standards specified in Table 4 of Subpart IIII.

Additionally, any engine subject to emission standards specified in paragraphs (b) through (d) of this condition shall also comply with the following opacity standards (as applicable):

(a) 20% during the acceleration mode;

(b) 15% during the lugging mode; and

(c) 50% during the peaks in either the acceleration or lugging modes.

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

(Ref.: 40 CFR 60.4202(a), 60.4205(a) – (c), 60.4206, Tables 1, 2, and 4, Subpart IIII)

3.14 For Emission Point AA-002, the permittee shall only use diesel fuel that meets the following requirements (on a per-gallon basis):

(a) A maximum sulfur content of 15 parts per million (ppm); and

(b) A minimum cetane index of 40 or a maximum aromatic content of 35 volume percent (vol. %).

(Ref.: 40 CFR 60.4207(b), Subpart IIII)

3.15 For Emission Point AA-008, the permittee is subject to and shall comply with the applicable provisions of 40 CFR 60, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, and 40 CFR 60, Subpart A, General Provisions as established in Table 3 of Subpart JJJJ.

(Ref.: 40 CFR 60.4230(a)(4) and Table 3, Subpart JJJJ)

3.16 For Emission Point AA-008, the permittee shall comply with the specified emission standards found in Table 1 of Subpart JJJJ for each applicable engine.

For any engine manufactured prior to January 1, 2011, that was certified to carbon monoxide (CO) emission standard found in 40 CFR Part 1048 that is higher than the corresponding standard found in Table 1 of Subpart JJJJ (and not a severe duty engine), the permittee may meet the CO certification (not field testing) standard for which the engine was certified.

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

(Ref.: 40 CFR 60.4233(e), Subpart JJJJ)

3.17 For Emission Point AA-008, the permittee may operate each engine with propane as an alternative fuel for a maximum of 100 hours per calendar year only during emergency operations.

(Ref.: 40 CFR 60.4243(e), Subpart JJJJ)

3.18 For Emission Point AA-003, the permittee shall at all times vent the exhaust from each spray booth through the corresponding control device (i.e., the dry filters and the paint arrestor/activated carbon filter) during active coating operations in order to minimize the emission of particulate matter.

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

3.19 For Emission Point AA-004, the permittee shall, at all times during active woodworking or carpentry operations, operate the cyclone to minimize the emission of filterable particulate matter (PM).

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

3.20 For Emission Point AA-005, the permittee is subject to and shall comply with the applicable provisions of 40 CFR 63, Subpart CCCCCC, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities (GDF) and 40 CFR 63, Subpart A, General Provisions, as established in Table 3 of Subpart CCCCCC.

For the purpose of this permit, the sources subject to the requirements of this subpart include gasoline storage tanks and associated equipment components in vapor/liquid gasoline service, pressure/vacuum on gasoline storage tanks, and any equipment necessary to unload product from cargo tanks into the storage tanks at the GDF.

Unless otherwise specified, the monthly throughput is more than 100,000 gallons of gasoline.

(Ref.: 40 CFR 63.11111(a), (d), and Table 3, Subpart CCCCCC)

Draft/Proposed

SECTION 4
WORK PRACTICES

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Work Practice
AA-002 AA-008	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) 40 CFR 63.6603(a), 63.6625(e), (h), and (i), and Table 2d, Subpart ZZZZ	4.1	HAP	Conduct routine maintenance
AA-002	40 CFR 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Combustion Engines) 40 CFR 60.4211(a), Subpart IIII	4.2	NMHC + NO_X CO PM (filterable) Opacity	Perform best management practices
AA-005	40 CFR 63, Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities) 40 CFR 63.11115(a), Subpart CCCCCC	4.3	HAP	General duty clause
	40 CFR 63.11118(a), Subpart CCCCCC	4.4		Perform best management practices
	40 CFR 63.11118(b), (c), and Table 1, Subpart CCCCCC	4.5		Vapor balance system requirements
	40 CFR 63.11118(d), Subpart CCCCCC	4.6		Perform gasoline unloading management practices

4.1 For Emission Points AA-002 and AA-008, except during periods of start-up, the permittee shall meet the following maintenance requirements for each engine that is solely subject to 40 CFR 63, Subpart ZZZZ:

(a) Change the oil and filter every 500 hours of operation or annually (whichever comes first).

The permittee also has the option of utilizing an oil analysis program in order to extend the noted oil change requirement in accordance with paragraphs (i) and (ii) below.

(i) The oil analysis shall be performed at the same frequency specified for changing the oil as outlines in paragraph (a) of this condition;

(ii) The analysis program shall (at a minimum) analyze the Total Base Number, viscosity, and percent water content. The condemning limits for each noted parameter are as follows:

(1) Total Base Number is less than 30% of the Total Base Number of the oil when new;

(2) Viscosity of the oil has changed by more than 20% from the viscosity of the oil when new; and

(3) Percent water content (by volume) is greater than 0.5.

If none of the condemning limits are exceeded, the permittee is not required to change the oil. However, if any of the limits are exceeded, the permittee shall change the oil within two (2) business days of receiving the results of the analysis. If the engine is not in operation when the results of the analysis are received, the permittee shall change the oil within two (2) business days or before commencing operation (whichever is later).

The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. Additionally, the analysis program shall be part of the maintenance plan for the engine.

(b) Inspect the air cleaner (for a compression ignition engine) or the spark plugs (for a spark ignition engine) every 1,000 hours of operation or annually (whichever comes first), and replace as necessary.

(c) Inspect all hoses and belts every 500 hours of operation or annually (whichever comes first) and replace as necessary.

If the engine is operated during an emergency situation and it is not possible to perform the oil change on the required schedule or if performing the oil change on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the oil change can be delayed until the emergency is over or the unacceptable risk under federal, state or local law has abated.

The oil change should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. The permittee shall report any failure to perform the oil change on the schedule required and the federal, state, or local law under which the risk was deemed unacceptable.

(Ref.: 40 CFR 63.6603(a), 63.6625(e), (h), and (i), and Table 2d, Subpart ZZZZ)

4.2 For Emission Point AA-002, the permittee shall adhere to the following work practices for each engine subject to 40 CFR 60, Subpart IIII:

(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 Part 1068 (as applicable).

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

4.3 For Emission Point AA-005, the permittee shall operate and maintain the gasoline dispensing facility (including associated air pollution control equipment and monitoring equipment) in a manner consistent with safety and good air pollution control practices for minimizing emissions at all times. 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 63.11115(a), Subpart CCCCCC)

4.4 For Emission Point AA-005, the permittee shall comply with the following best management practices:

(a) 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:

(i) Minimize gasoline spills;

(ii) Clean up spills as expeditiously as practicable;

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

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

(b) With the exception of any gasoline tank with a capacity of less than 250 gallons, the permittee shall only load gasoline into a storage tank by utilizing "submerged filling" (as defined in 40 CFR 63.11132, Subpart CCCCCC) and in accordance with the following practices (any noted distance shall be measured from the bottom of the storage tank):

(i) Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the tank;

(ii) Submerged fill pipes installed after November 9, 2006, must be no more than six (6) inches from the bottom of the tank; and

(iii) Submerged fill pipes not meeting the specifications in paragraph (b)(i) or (b)(ii) of this condition are allowed if the permittee can demonstrate that the liquid level in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration shall be made available for inspection by the MDEQ during an inspection.

(Ref.: 40 CFR 63.11118(a), Subpart CCCCCC)

4.5 For Emission Point AA-005, the permittee shall comply with one (1) of the following work practices for each vapor balance system:

(a) The permittee shall install and operate a vapor balance system that meets the design criteria outlined in Table 1 (Item 1) of Subpart CCCCCC for each gasoline storage tank; or

(b) If the permittee satisfied both of the following specifications prior to January 10, 2008, the permittee shall be deemed in-compliance with this condition:

(i) The permittee operates a vapor balance system that either achieves an emissions reduction of at least 90% or operates using management

practices that are at least as stringent as those in Table 1 (Item 1) of Subpart CCCCCC; and

(ii) The GDF is in compliance with an enforceable state, local, or tribal rule/permit that contains requirements of either option specified in paragraph (b)(i) of this condition.

For the purpose of this permit, the following sources are not subject to the requirements outlines in this condition:

(a) Any gasoline storage tank with a capacity less than 250 gallons constructed after January 10, 2008;

(b) Any gasoline storage tank with a capacity less than 2,000 gallons constructed before January 10, 2008; and

(c) Any gasoline storage tank equipped with a floating roof (or the equivalent).

(Ref.: 40 CFR 63.11118(b), (c), and Table 1, Subpart CCCCCC)

4.6 For Emission Point AA-005, the permittee shall not unload gasoline from a cargo tank into a storage tank subject to Condition 4.5 unless the following criteria are met:

(a) All hoses in the vapor balance system are properly connected;

(b) The adapters or couplers that attach to the vapor line on the storage tank have closures that seal upon disconnect;

(c) All vapor return hoses, couples, and adapters used in the gasoline delivery are vapor tight;

(d) All tank truck vapor return equipment is compatible in size and forms a vapor-tight connection with the vapor balance equipment on the GDF storage tank;

(e) All hatches on the tank truck are closed and securely fastened; and

(f) The filling of a storage tank at the GDF shall be limited to unloading from vapor-tight gasoline cargo tanks. Documentation that the cargo tank has met the specifications of EPA Test Method 27 shall be carried with the cargo tank (as required by Condition 5.11).

(Ref.: 40 CFR 63.11118(d), Subpart CCCCCC)

SECTION 5
MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	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.
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	VOC NO_X CO HAP	Calculate and record the emission of each pollutant (monthly and rolling 12-month totals)
		5.3	VOC HAP	Monitoring information on coatings, adhesive, solvents, or other VOC- and/or HAP-containing materials
		5.4		Recordkeeping information on coatings, adhesive, solvents, or other VOC- and/or HAP-containing materials
AA-002 AA-008	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) 40 CFR 63.6625(f) and 63.6655(f), Subpart ZZZZ 40 CFR 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Combustion Engines) 40 CFR 60.4209(a) and 60.4214(b), Subpart IIII 40 CFR 60, Subpart JJJJ (Standards of Performance for Stationary Spark Ignition Combustion Engines) 40 CFR 60.4237 and 60.4245(b), Subpart JJJJ	5.5	Emergency Engine Status	Record hours of operation (emergency and non-emergency use)
	40 CFR 60.4214(a)(2), Subpart IIII 40 CFR 60.4245(a), Subpart JJJJ	5.6	NMHC + NO_X NO_X + HC CO PM (filterable) VOC	Recordkeeping requirements
AA-002	40 CFR 63.6655(a)(1), (2), (4), (5), and (e)(2), Subpart ZZZZ	5.7	HAP	Recordkeeping requirements
AA-003 AA-004	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.8	PM (filterable)	Perform a monthly inspection on each air pollution control device
AA-005	40 CFR 63, Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities)	5.9	Leak Rate Cracking Pressure Static Pressure	Compliance demonstration requirements

Emission Point	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Monitoring/Recordkeeping Requirement
	40 CFR 63.11120(a), Subpart CCCCCC			
	40 CFR 63.11120(b), Subpart CCCCCC	5.10	HAP	Performance testing alternate vapor balance system requirements
	40 CFR 63.11125(a) – (d), Subpart CCCCCC	5.11	Recordkeeping	Recordkeeping Requirements for GDF

5.1 The permittee shall retain all required records, monitoring data, supporting information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit upon request.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

5.2 For Emission Point AA-000 (Facility-Wide), the permittee shall calculate and record the total emission of volatile organic compounds (VOC), nitrogen oxides (NO_X), carbon monoxide (CO), each individual hazardous air pollutant (HAP), and all combined HAP in tons based on a monthly and on a rolling 12-month total basis.

Unless otherwise specified herein, the permittee shall include all reference data utilized to validate the calculated emissions (e.g., operational data, applicable emission factors, engineering judgement determinations, etc.).

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

5.3 For Emission Point AA-000 (Facility-Wide), the permittee shall determine for each coating, adhesive, solvent, or other VOC and/or HAP containing material used:

(a) The identification of each coating, adhesive, solvent, or other VOC and/or HAP containing material and the total gallons of each coating, adhesive, solvent, or other VOC and/or HAP containing material used on a monthly basis and for each consecutive 12-month period on a rolling basis.

(b) The VOC and/or HAP content of each coating, adhesive, solvent, or other VOC and/or HAP containing material used. A description of the method used to determine the VOC and/or HAP content shall accompany this data. The permittee may utilize data supplied by the manufacturer, or analysis of VOC content by EPA Test Method 24 and/or EPA Test Method 24A, or analysis of HAP content by EPA Test Method 311.

(c) The density of each coating, adhesive, solvent, or other VOC and/or HAP containing material.

The permittee shall use the given parameters to determine VOC, individual HAP, and total HAP emissions on a monthly basis and for each consecutive 12-month period on a rolling basis.

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

5.4 For Emission Point AA-000 (Facility-Wide), the permittee shall maintain sufficient records to document the following information:

(a) The identification of each coating, adhesive, solvent, or other VOC and/or HAP containing material and the total gallons of each coating, adhesive, solvent, or other VOC and/or HAP containing material used on a monthly basis and in each consecutive 12-month period.

(b) The VOC and/or HAP content of each coating, adhesive, solvent, or other VOC and/or HAP containing material used with a description of the method used to determine the VOC and/or HAP content.

(c) The density of each coating, adhesive, solvent, or other VOC and/or HAP containing material used.

(d) The total VOC, individual HAP, and total HAP emission rate in tons per year on a monthly basis and for each consecutive 12-month period on a rolling basis.

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

5.5 For Emission Points AA-002 and AA-008, the permittee shall monitor and record (via a non-resettable hour meter) the hours of operation for the 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 63.6625(f) and 63.6655(f), Subpart ZZZZ, 40 CFR 60.4209(a) and 60.4214(b), Subpart IIII, and 40 CFR 60.4237 and 60.4245(b), Subpart JJJJ)

5.6 For Emission Points AA-002 and AA-008, the permittee shall maintain documentation that details the following information for each engine subject to 40 CFR 60, Subpart IIII or JJJJ:

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

(b) Any maintenance conducted on an engine;

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

(d) Documentation that indicates an engine is certified to meet the applicable emission standards in Section 3.

(Ref.: 40 CFR 60.4214(a)(2), Subpart IIII, and 40 CFR 60.4245(a), Subpart JJJJ)

5.7 For Emission Point AA-002, the permittee shall maintain documentation that contains the following information for each engine solely subject to 40 CFR 63, Subpart ZZZZ (as applicable):

(a) A copy of each notification and report submitted to comply with Subpart ZZZZ (including all supporting documentation);

(b) Records on the occurrence and duration of each malfunction of the engine or monitoring equipment;

(c) Records on all required maintenance performed on the air pollution control and monitoring equipment;

(d) Records on the actions taken during periods of malfunction to minimize emissions, including corrective actions taken to restore equipment to its normal and usual manner of operation; and

(e) Records of all maintenance done on each engine in order to demonstrate that the engine was operated and maintained in accordance with either the manufacturer's emission-related written instructions or the site-specific maintenance plan.

(Ref.: 40 CFR 63.6655(a)(1), (2), (4), (5), and (e)(2), Subpart ZZZZ)

5.8 For Emission Points AA-003 and AA-004, the permittee shall perform a monthly inspection on each corresponding control device. If any problem is noted during an inspection, the permittee shall perform and record the necessary maintenance activities to ensure operation of the control device as originally designed. Additionally, preventative maintenance shall be performed (as necessary) to maintain proper operation of a control device.

The permittee shall maintain documentation that details the date/time each inspection performed, any noted problem experienced, any maintenance (either corrective or preventative) performed to return a control device to operation as originally designed, and any periods of time (including date and duration) in which a control device has malfunctioned.

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

5.9 For Emission Point AA-005, the permittee shall comply with the following requirements for each vapor balance system subject to paragraph (a) of Condition 4.5 at the time of installation and once every three (3) years thereafter:

(a) For each pressure-vacuum vent valve installed on a gasoline storage tank, the permittee shall demonstrate compliance with the required leak rate and cracking pressure performance range specified in Item 1(g) of Table 1 of Subpart CCCCCC; and

(b) For each vapor balance system, the permittee shall demonstrate compliance with the required static pressure specified in Item 1(h) of Table 1 of Subpart CCCCCC by using the test methods outlined in 40 CFR 63.11120(a)(2), Subpart CCCCCC.

(Ref.: 40 CFR 63.11120(a), Subpart CCCCCC)

5.10 For Emission Point AA-005, if the permittee chooses to use a vapor balance system other than one described in Table 1 of Subpart CCCCCC [under the provisions of 40 CFR 63.6(g), Subpart A], the permittee shall demonstrate to the MDEQ that the chosen vapor balance system is equivalent to the specifications described in Table 1 by using the procedures in 40 CFR 63.11120(b), Subpart CCCCCC.

(Ref.: 40 CFR 63.11120(b), Subpart CCCCCC)

5.11 For Emission Point AA-005, the permittee shall maintain documentation that details the following information:

(a) Records that detail all test performed in accordance with Conditions 5.9 and 5.10.

(b) Records that detail any vapor tightness testing for gasoline cargo tanks for an overall period of five (5) years. This documentation shall include each of the

items specified in 40 CFR 63.11094(b)(2)(i) – (viii), Subpart BBBBBB, and shall be maintained in accordance with 40 CFR 63.11125(c)(1) and (2), Subpart CCCCCC.

(c) Records on the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(d) Records on any actions taken during periods of malfunction to minimize emissions in accordance with Condition 4.3, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(Ref.: 40 CFR 63.11125(a) – (d), Subpart CCCCCC)

SECTION 6
REPORTING REQUIREMENTS

Emission Point	Applicable Requirement	Condition Number(s)	Reporting Requirement
AA-000 (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 certified annual monitoring report.
		6.3	All documents submitted to MDEQ shall be certified by a Responsible Official.
AA-002 AA-008	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.4	Submit documentation for engine removal and/or addition
		6.5	Submit an annual report on hours of operation (emergency and non-emergency)
	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines) 40 CFR 63.6640(b), 63.6650(b)(6) – (9), (c) and (d), Subpart ZZZZ	6.6	Submit an annual compliance report
AA-005	40 CFR 63, Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities) 40 CFR 63.11124(b)(4), Subpart CCCCCC	6.7	Submit a notification of performance test
	40 CFR 63.11126, Subpart CCCCCC	6.8	Submit the volumetric efficiency test results and an annual report on malfunctions (as applicable)

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

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

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

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

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

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

6.4 For Emission Points AA-002 and AA-008, the permittee shall submit the following notifications to the MDEQ (in writing) as applicable:

(a) If the permittee intends to remove an engine listed in Appendix A from service, the permittee shall submit a notification that details this removal as well as updated Appendix A no later than 15 days after the completing the action.

(b) If the permittee intends to add a new engine into service (which includes replacing an existing engine listed in Appendix A), the permittee shall submit a formal application requesting a modification of the existing Synthetic Minor Operating Permit (SMOP) no later than 90 days before actual installation of the new engine.

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

6.5 For Emission Points AA-002 and AA-008, the permittee shall submit an annual monitoring report in accordance with Condition 6.2 that details the hours of operation for each 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.

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

6.6 For Emission Points AA-002 and AA-008, the permittee shall submit an annual compliance report in accordance with Condition 6.2 that details the following information for each engine solely subject to 40 CFR 63, Subpart ZZZZ:

(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) The date of report and beginning/ending dates of the reporting period.

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

(i) The number, duration, and a brief description for each type of malfunction occurring during the reporting period that caused or may have caused any applicable emission limitation to be exceeded.

(ii) A description of actions taken during a malfunction of an engine to minimize emissions, including actions taken to correct a malfunction.

(e) If there are no deviations from any applicable emission or operating limitations, the report shall include a statement that there were no deviations during the reporting period.

(f) For each deviation from an applicable emission or operating limitation, the report shall include the following information:

(i) The total operating time of the engine at which the deviation occurred during the reporting period; and

(ii) Information on the number, duration, the cause of deviations (including an unknown cause, if applicable), as applicable, and the corrective action taken.

(Ref.: 40 CFR 63.6640(b), 63.6650(b)(6) – (9), (c), and (d), Subpart ZZZZ)

6.7 For Emission Point AA-005, the permittee shall submit a "Notification of Performance Test" at least 60 calendar days before the a performance test required by Condition 5.9 or 5.10 is scheduled to begin to allow the MDEQ both the opportunity to review and approve the site-specific test plan as required by 40 CFR 63.7(c), Subpart A, and to have an observer present during the test.

(Ref.: 40 CFR 63.11124(b)(4), Subpart CCCCCC)

6.8 For Emission Point AA-005, the permittee shall submit the following reports to the MDEQ in accordance with the following requirements:

(a) For the results of any volumetric efficiency test required by Condition 5.9 (as applicable), the permittee shall submit the report within 180 days after completing the performance testing.

(b) The permittee shall submit an annual report by March 15 of each year for the previous calendar year that details the following information:

(i) The number, duration, and a brief description of each type of malfunction occurring during the previous calendar year that which caused or may have caused any applicable emission limitation to be exceeded; and

(ii) A description of actions taken during a malfunction of each affected source to minimize emissions in accordance with Condition 4.3, including actions taken to correct a malfunction.

No report is necessary for any calendar year in which no malfunctions occurred.

(Ref.: 40 CFR 63.11126, Subpart CCCCCC)

APPENDIX A

List of Emergency Engines

Source Group	EU ID	Location	Product	Manufacturer	Model	Serial	Capacity (kW)	Manufacturer	Manufacture Date	Capacity (hp)	Displacement (L/cyl)	Family	Applicable Subpart
AA-002	IC034	Water Treatment	Diesel	Cummins	DGDB-5634286	J030558117	100	Cummins	10/10/03	170	0.95	402	ZZZZ
AA-002	IC039	Water Treatment	Diesel	Cummins	DGFA-5634287	J030558118	150	Cummins	10/17/03	277	1.383	F413	ZZZZ
AA-002	IC040	22nd NCR	Diesel	Cummins	DQDAC-5757765	F060934179	300	Cummins	06/19/06	433	1.483	563	ZZZZ; IIII
AA-002	IC044	CBC/MWR (NMCI)	Diesel	Kohler	150REOZJD	2145861	155	John Deere	02/22/07	237	1.13	7JDXL06.8104	ZZZZ; IIII
AA-002	IC046	Boneyard	Diesel	Kohler	150REOZJD	2145862	155	John Deere	01/26/07	237	1.13	7JDXL06.8104	ZZZZ; IIII
AA-002	IC047	NEX Service Station/Mini-Mart	Diesel	Kohler	150REOZJD	2145860	155	John Deere	02/22/07	237	1.13	7JDXL06.8104	ZZZZ; IIII
AA-002	IC050	Pass/ID	Diesel	Kohler	150REOZJD	2145857	155	John Deere	02/22/07	237	1.13	7JDXL06.8104	ZZZZ; IIII
AA-002	IC053	Public Works	Diesel	Kohler	200REOZJD	2198970	200	John Deere	03/15/08	315	1.13	8JDXL06.8101	ZZZZ; IIII
AA-002	IC054	Boneyard	Diesel	Kohler	100REOZJD	2195489	100	John Deere	01/02/08	158	1.13	7JDXL06.8105	ZZZZ; IIII
AA-002	IC055	NCTC Admin	Diesel	Kohler	150REOZJD	2195490	155	John Deere	01/28/08	237	1.13	8JDXL06.8104	ZZZZ; IIII
AA-002	IC056	Data Processing Center	Diesel	Kohler	150REOZJD	2195488	155	John Deere	02/17/08	237	1.13	8JDXL06.8104	ZZZZ; IIII
AA-008	IC057	Homeland Security	Natural Gas	Cummins	GGHG5858406	E070054770	85	Ford	05/14/07	176	0.68	N/A	ZZZZ
AA-002	IC058	OELF	Diesel	Kohler	750REOZMB	2202463	700	Mitsubishi	09/01/07	1207	2.825	7MVXL33.9BBA	ZZZZ; IIII
AA-002	IC060	Water Treatment	Diesel	Kohler	150REOZJD	2145859	155	John Deere	02/22/07	237	1.13	7JDXL06.8104	ZZZZ; IIII
AA-002	IC062	Public Works	Diesel	Cummins	150DGFA	K970656941	150	Cummins	11/01/97	277	1.383	413	ZZZZ
AA-002	IC064	Armory	Diesel	Kohler	200REOZJD	2191194	200	John Deere	12/19/07	315	1.13	7JDXL06.8101	ZZZZ; IIII
AA-002	IC065	Commissary	Diesel	Cummins	DGBB5756565	D060906261	35	Cummins	04/04/06	68	0.975	381	ZZZZ; IIII
AA-002	IC068	Broad Ave. Gate	Diesel	Kohler	30REOZJB	2185484	35	John Deere	02/11/07	64	0.97	7JDXL01.9050	ZZZZ; IIII
AA-002	IC070	Boneyard	Diesel	Cummins	DGFC5694850	K040710841	200	Cummins	10/16/04	288	1.38	4CEXL0505ACB	ZZZZ
AA-002	IC072	Fire Station	Diesel	Kohler	350REOZDD	2243110	360	Detroit Diesel	12/01/08	685	1.17	9DDXL14.0VLD	ZZZZ; IIII
AA-002	IC076	Commissary	Diesel	Cummins	DFEG57696830	H060959149	350	Cummins	08/01/06	755	2.5	6CEXL015.AAB	ZZZZ; IIII
AA-002	IC079	28th St. Gate	Diesel	Kohler	125REOZJD	2189724	125	John Deere	01/03/08	197	1.13	8JDXL06.8104	ZZZZ; IIII
AA-002	IC080	22nd & 25th NCR	Diesel	Kohler	350REOZDD	2303963	350	Detroit Diesel	06/01/10	685	2.33	ADDXL14.0VLD	ZZZZ; IIII
AA-002	IC083	Navy Lodge	Diesel	Taylor Power Systems	283C1507	713259	30	Perkins	08/01/11	49.6	0.554	BH3XL2.22TCC	ZZZZ; IIII
AA-002	IC084	Boneyard	Diesel	Generac	13631570200	2113760	150	FPT	07/01/11	279	1.12	BVEXL06.7DGS	ZZZZ; IIII
AA-002	IC085	Emergency Ops Center	Diesel	Kohler	150REOZJF	SGM323HF3	154	John Deere	10/01/12	237	1.13	CJDXL06.8120	ZZZZ; IIII
AA-002	IC086	Pinewood lift station	Diesel	Kohler	20REOZJC	SGM328L66	27	John Deere	05/01/13	49	0.6	DJDXL02.4125	ZZZZ; IIII
AA-002	IC087	Lift Station	Diesel	Kohler	20REOZJC	SGM3282WD	27	John Deere	07/01/13	49	0.6	DJDXL02.4215	ZZZZ; IIII
AA-002	IC088	Lift Station	Diesel	Kohler	20REOZJC	SGM3282WF	27	John Deere	06/01/13	49	0.6	DJDXL02.4215	ZZZZ; IIII
AA-002	IC089	Lift Station	Diesel	Kohler	20REOZJC	SGM328L68	27	John Deere	05/01/13	49	0.6	DJDXL02.4215	ZZZZ; IIII
AA-002	IC091	Lift Station	Diesel	Kohler	20REOZJC	SGM328L67	27	John Deere	05/01/13	49	0.6	DJDXL02.4215	ZZZZ; IIII
AA-002	IC092	Govt. Fueling Station	Diesel	Kohler	50REOZJD	SGM32CJ84	50	John Deere	10/01/13	80	0.6	DJDXL04.5141	ZZZZ; IIII
AA-002	IC094	Lift Station	Diesel	Cummins	CA125-J14	G18G314533	50	Cummins	2019	80	0.82	JCEXL03.3BAA	ZZZZ; IIII
AA-002	IC095	Lift Station	Diesel	Cummins	C60D6C	I180422394	60	Cummins	2019	100	1.125	JCEXL0275AAK	ZZZZ; IIII
AA-008	IC096	Dining Facility	Natural Gas				500	Generac	2020	777	2.15	N/A	ZZZZ; JJJJ
AA-002	IC097	MicroGrid	Diesel	Power Secure	573RSL5293	MT-0082760-0419	625	Volvo	02/01/19	839	2.687	KVPXL16.1CDC	ZZZZ; IIII
AA-002	IC098	MicroGrid	Diesel	Power Secure	573RSL5293	MT-0082754-0419	625	Volvo	02/01/19	839	2.687	KVPXL16.1CDC	ZZZZ; IIII
AA-002	IC099	MicroGrid	Diesel	Power Secure	573RSL5293	MT-0090080-1119	625	Volvo	02/01/19	839	2.687	KVPXL16.1CDC	ZZZZ; IIII
AA-002	IC100	MicroGrid	Diesel	Power Secure	573RSL5293	MT-0090081-1119	625	Volvo	02/01/19	839	2.687	KVPXL16.1CDC	ZZZZ; IIII
AA-002	IC101	MicroGrid	Diesel	Power Secure	573RSL5293	MT-0081313-0319	625	Volvo	02/01/19	839	2.687	KVPXL16.1CDC	ZZZZ; IIII

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