STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Yazoo City Public Service Commission
501 West Bridge Street
Yazoo City, Mississippi
Yazoo 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 Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Permit Issued: JUN 2 0 2019

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

Krystal Rudolph

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: MAY 3 1 2024

Permit No.: 3020-00005

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APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT

OTHER IMPORTANT DOCUMENTS USED IN THIS PERMIT:

40 CFR 63, SUBPART CCCCCC – NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES: GASOLINE DISPENSING FACILITIES
https://www.law.cornell.edu/cfr/text/40/part-63/subpart-CCCCCC

40 CFR 63, SUBPART ZZZZ - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR STATIONARY RECIPROCATING INTERNAL COMBUTION ENGINES
https://www.law.cornell.edu/cfr/text/40/part-63/subpart-ZZZZ

SECTION 1. GENERAL CONDITIONS

1.1 The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(a).)

1.2 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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(b).)

1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. 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. 6.3.A(6)(c).)

1.4 Prior to its expiration, this permit may be reopened in accordance with the provisions listed below.

(a) This permit shall be reopened and revised under any of the following circumstances:

(1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.

(2) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

(3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit.

(4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

(c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to be reopened, except that the Permit Board may provide a shorter time period in the case of an emergency.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.G.)

1.5 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 permittee or, for information to be confidential, the permittee shall furnish such records to 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. 6.3.A(6)(e).)

1.6 This permit does not convey any property rights of any sort, or any exclusive privilege.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(d).)

1.7 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. 6.3.A(5).)

1.8 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.

(a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual

emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or emission data which supports the estimates of maximum actual emission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)

(b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted allowable emissions until such time as an adequate determination of actual emissions is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)

(c) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D(2).)

(d) The fee shall be due September 1 of each year. By July 1 of each year the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments must be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D.)

(e) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of

the hearing petition.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.C.)

1.9 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(8).)

1.10 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states 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. 6.2.E.)

1.11 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:

(a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;

(b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

(d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(2).)

1.12 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere.

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

1.13 Except as otherwise specified or limited herein, the permittee shall provide the necessary

sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970.

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

1.14 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(1).)

1.15 Nothing in this permit shall alter or affect the following:

(a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;

(b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

(c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.

(d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(2).)

1.16 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.H.)

1.17 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.C(2)., R. 6.4.B., and R. 6.2.A(1)(c).)

1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (ref: Section 502(b)(10) of the Act) if:

(a) the changes are not modifications under any provision of Title I of the Act;

(b) the changes do not exceed the emissions allowable under this permit;

(c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:

(1) a brief description of the change(s),

(2) the date on which the change will occur,

(3) any change in emissions, and

(4) any permit term or condition that is no longer applicable as a result of the change;

(d) the permit shield shall not apply to any Section 502(b)(10) change.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.F(1).)

1.19 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 11 Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 3.)

1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act". Modification is defined as "[a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which

results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

(a) routine maintenance, repair, and replacement;

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

(c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;

(d) use of an alternative fuel or raw material by a stationary source which:

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

1.21 Any change in ownership or operational control must be approved by the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.D(4).)

1.22 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.B(1).)

1.23 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.

(a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.

(b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.

(c) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

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

1.24 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies:

(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.

(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.

(c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:

(1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;

(2) the permitted facility was at the time being properly operated;

(3) 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

(4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

(e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.G.)

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

(a) Upsets (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)

(1) For an upset, 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 in 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.)

1.26 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M, as adopted by reference in Regulation 11 Miss Admin. Code Pt. 2, R. 1.8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

(Ref.: 11 Miss Admin. Code Pt. 2, R. 1.8.)

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-002	126.22 MMBTU/hr Natural Gas or No. 6 Fuel Oil Fired Riley Stoker Boiler (No. 3 Steam Boiler, Serial No. 2981)
AA-003	235 MMBTU/hr Natural Gas or No. 2 Fuel Oil Fired General Electric Turbine (No. 5 Unit Gas Turbine, Model 5001R, GEI-90688, Turbine No. 17974) with an unfired Heat Recovery Steam Generator (HRSG)
AA-004	300 HP Compression Ignition (CI) Internal Combustion Engine (ICE), which is a black start engine used only to start up the Turbine, 1968 model year
AA-005	12,000 Gallon Gasoline Underground Storage Tank (UST)

SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

3.A.1 Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) & (b).

(a) Startup 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) startups per stack in any twenty-four (24) hour period.

(b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent 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 hour.

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

3.A.2 Except as otherwise specified or limited 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 40% opacity, equivalent to that provided in Condition 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets.

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

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-002 and AA-003 *(Boiler and Turbine)*	11 Miss. Admin. Code Pt. 2, R.1.3.D(1)(b).	3.B.1	PM/PM_{10}	$E=0.8808*I^{-0.1667}$
AA-002 through AA-004 *(Boiler, Turbine, and Engine)*	11 Miss. Admin. Code Pt. 2, R.1.4.A(1).	3.B.2	SO_2	4.8 lbs/MMBTU
AA-004 *(Engine)*	11 Miss. Admin. Code Pt. 2, R.1.3.D(1)(a).	3.B.3	PM/PM_{10}	0.6 lbs/MMBTU

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-003 *(Turbine)*	Permit to Construct (PTC) issued August 24, 1993.	3.B.4	PM/PM_{10}	5.0 lbs/hr and 21.9 TPY
			SO2	62.7 lbs/hr and 274.6TPY
			NOX	112.0 lbs/hr and 490.6TPY
			Opacity	≤ 40%
			Sulfur Content	≤ 0.17% by wt.
AA-002 and AA-003 *(Boiler and Turbine)*	40 CFR 63, Subpart UUUUU (National Emission Standards for Hazardous Air Pollutants for Coal and Oil–Fired Electric Utility Steam Generating Units) 40 CFR 63.9983(b) and 40 CFR 63.10042, Subpart UUUUU	3.B.5	HAPs	Non-Applicability
AA-002 *(Boiler)*	40 CFR 63, Subpart JJJJJ (National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters at Area Sources) 40 CFR 63.11195(k), Subpart JJJJJ)			
AA-003 *(Turbine)*	40 CFR 63, Subpart YYYY (National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines) 40 CFR 63.6090(b)(4), Subpart YYYY	3.B.6	HAPs	Non-Applicability
AA-004 *(Engine)*	40 CFR 63, Subpart ZZZZ National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6585(a) and (c), and 63.6590(a)(1)(iii), Subpart ZZZZ	3.B.7	HAPs	Applicability

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-005 *(Gasoline Tank)*	40 CFR 63, Subpart CCCCCC (National Emissions Standards for Hazardous Air Pollutants for Source Categories: Gasoline Dispensing Facilities) 40 CFR 63.11111(a) and (b), Subpart CCCCCC	3.B.8	HAPs	Applicability and throughput limitation not to exceed 10,000 gallons per month.

3.B.1 For Emission Points AA-002 and AA-003 *(Boiler and Turbine)*, the permittee shall not have particulate matter (PM) emissions from fossil fuel burning installations of greater than 10 million BTU per hour heat input that exceeds the emission rate as determined by the relationship:

$$E=0.8808 * I^{-0.1667}$$

where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour.

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

3.B.2 For Emission Points AA-002 and AA-003 *(Boiler and Turbine)*, the permittee shall not discharge sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer in excess of 4.8 pounds (measured as sulfur dioxide(SO_2)) per million BTU heat input.

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

3.B.3 For Emission Point AA-004 *(Engine)*, the maximum permissible emission of ash and/or PM from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input.

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

3.B.4 For Emission Point AA-003 *(Turbine)*, the permittee shall comply with the following emission limitations:

PM	5.0 lb/hr and 21.9 tons/year, as determined by EPA Reference Methods 1-5, 40 CFR 60, Appendix A.
PM_{10}	5.0 lb/hr and 21.9 tons/year, as determined by EPA Reference Method

201 or 201A in conjunction with Reference Method 202, 40 CFR 51, Appendix M.

Sulfur Dioxide	62.7 lb/hr and 274.6 tons/year, as determined by EPA Reference Method 20, 40 CFR 60, Appendix A.
Nitrogen Oxides	112.0 lb/hr and 490.6 tons/year, as determined by EPA Reference Method 20, 40 CFR 60, Appendix A.

40% as determined by EPA Reference Method 9, 40 CFR 60, Appendix A.

All test methods specified above shall be those versions, or their approved equivalents, which were in effect on August 24, 1993.The permittee shall only burn fuels with a sulfur content equal to or less than 0.17 percent by weight.

(Ref.: Permit to Construct (PTC) issued August 24, 1993)

3.B.5 Emission Point AA-002 and AA-003 *(Boiler and Turbine),* the units are considered natural gas-fired Electric Utility Steam Generating Units (EGUs) as defined in 40 CFR 63, Subpart UUUUU, NESHAP for Coal- and Oil–Fired Electric Utility Steam Generating Units, and not subject to the requirements of Subpart UUUUU as defined by 40 CFR 63.9983(b). Although this unit is designed to burn No. 6 fuel oil, the unit burns at least 85 percent natural gas on an annual heat input basis which qualifies the unit for the natural gas-fired EGU subcategory. Emission Point AA-002 is not subject to the requirements of 40 CFR 63, Subpart JJJJJ, NESHAP for Industrial, Commercial, and Institutional Boilers and Process Heaters at Area Sources, 40 CFR Part 63, Subpart JJJJJ.

(Ref.: 40 CFR 63.9983(b) and 63.10042, Subpart UUUUU and 63.11195(k), Subpart JJJJJ)

3.B.6 For Emission Point AA-003 *(Turbine),* the permittee is an existing source and exempt from the requirements of 40 CFR 63, Subpart YYYY – National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines, and 40 CFR 63, Subpart A.

(Ref.: 40 CFR 63.6090(b)(4).)

3.B.7 For Emission Point AA-004 *(Black Start Engine),* the permittee is subject to and shall comply with National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and General Provisions. This unit is an existing black start RICE with a site rating of 300 brake HP located at an area source of HAP emissions.

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

3.B.8 For Emission Point AA-005 *(Gasoline Tank)*, the permittee is subject to 40 CFR 63, Subpart CCCCCC – National Emission Standards for Hazardous Air Pollutants for Source Categories: Gasoline Dispensing Facilities, and shall comply with the apply with the applicable provisions. The facility will limit the gasoline throughput to less than 10,000 gallons per month. Therefore, for Emission Point AA-005, the permittee is only subject to the work practice standards in Condition 3.D.3 and recordkeeping in Conditions 5.B.8 and 5.B.9.

(Ref.: 40 CFR 63.11111(a) and (b) and 63.11116(b), Subpart CCCCCC)

C. Insignificant and Trivial Activity Emission Limitations & Standards

Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.C.1	PM	0.6 lbs/MMBTU
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.C.2	SO_2	4.8 lbs/MMBTU

3.C.1 The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input.

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

3.C.2 The maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.

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

D. Work Practice Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-004 *(Engine)*	40 CFR 63.6603 and Table 2d, Subpart ZZZZ	3.D.1	HAP	Change oil and filter every 500 hours of operation or annually, whichever comes first;
				Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
				Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary
	49 CFR 63, Subpart ZZZZ - 40 CFR 63.6605(a) and (b)	3.D.2	Good Air Pollution Control Practices	Operate and maintain the engines in a manner consistent with safety and good air pollution control practices for minimizing emissions.
AA-005 *(Gasoline Tank)*	40 CFR 63.11115, Subpart CCCCCC	3.B.3	HAPs	Duty to Minimize Emissions
	40 CFR 63.11116, Subpart CCCCCC	3.D.4		Good Work Practices to Minimize Spills and Cleanup

3.D.1 For Emission Point AA-004 *(Black Start Engine)*, the permittee shall comply with the following requirements:

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

(b) Inspect air cleaner 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.

(Ref.: 40 CFR 63.6603 and Item 4 of Table 2d, Subpart ZZZZ)

3.D.2 For Emission Points AA-004 *(Black Start Engine)*, the permittee shall, at all times, be in compliance with the applicable requirements of Subpart ZZZZ and shall operate and maintain the engine in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by Subpart ZZZZ have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the MDEQ which may include, but is not limited to, monitoring results, review of operation

and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(Ref.: 40 CFR 40.63.6605(a) and (b), Subpart ZZZZ)

3.D.3 For Emission Point AA-005 *(Gasoline Tank)*, the permittee shall at all times, 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. Determination of whether such operation and maintenance procedures are being used will be based on information available to the DEQ 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, Subpart CCCCCC)

3.D.4 For Emission Point AA-005 *(Gasoline Tank)*, the permittee shall comply with the following management practices for minimizing vapor releases and spills:

(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. Measures to be taken include, but are not limited to, the following:

(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. Portable gasoline containers that meet the requirements of 40 CFR part 59 are considered acceptable;

(Ref.: 40 CFR 63.11116(a) and (d), Subpart CCCCCC)

SECTION 4. COMPLIANCE SCHEDULE

4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.

4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. Each compliance certification shall include the following:

(a) the identification of each term or condition of the permit that is the basis of the certification;

(b) the compliance status;

(c) whether compliance was continuous or intermittent;

(d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;

(e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(5)(a), (c), & (d).)

SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.A.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:

(a) the date, place as defined in the permit, and time of sampling or measurements;

(b) the date(s) analyses were performed;

(c) the company or entity that performed the analyses;

(d) the analytical techniques or methods used;

(e) the results of such analyses; and

(f) the operating conditions existing at the time of sampling or measurement.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)

5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information 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 for continuous monitoring instrumentation, and copies of all reports required by the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)

5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 6.2.E.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.A.5 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) days of the time the deviation began.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(2).)

5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3).)

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-002 through AA-005 *(Boiler, Turbine, Engine, and Gasoline Tank)*	11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2).	5.B.1	Fuel	Monitor and record fuel type, quantity, and quality monthly.
AA-002 through AA-004 *(Boiler, Turbine, and Engine)*	11 Miss. Admin. Code Pt. 2, R.1.3.A& B and 11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2).	5.B.2	Opacity	Monitor and record opacity when burning fuels other than natural gas during operation on a weekly basis.

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-003 *(Turbine)*	11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2).	5.B.3	NO_X (temp, O_2 content, and % base load)	Continuously monitor and record three-hour average of flue gas temperature and excess oxygen content at corresponding base load.
	PTC issued August 24, 1993.	5.B.4	NO_X and SO_2	Conduct performance testing at least every 5 years.
			Sulfur Content	Monitor and record the sulfur content on a monthly or shipment basis.
AA-004 *(Black Start Engine)*	40 CFR 63.6625(e)(3), (h), and (i) Table 6, Subpart ZZZZ	5.B.5	HAPs	Minimize the engines time spent at idle
	40 CFR 63.6640(a), Subpart ZZZZ	5.B.6		Operate and maintain the engine according to the manufacturer's emission-related written instructions or develop and follow a maintenance plan
	40 CFR 63.6655(a), (e), and (f), Subpart ZZZZ	5.B.7		Maintain records of notification and reports submitted, maintenance performed, the occurrence and duration of malfunctions, and actions taken to minimize emissions during malfunctions.
AA-005 *(Gasoline Tank)*	40 CFR 63.11125(d), Subpart CCCCCC	5.B.8		Recordkeeping of Equipment Malfunction
	11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2)	5.B.9		Monthly Gasoline Throughput

5.B.1 For Emission Points AA-002 through AA-004 *(Boiler, Turbine, and Black Start Engine)*, the permittee shall monitor, record, and maintain records of the type, quantity, and quality (sulfur content and heating value) of fuel used or purchased on a monthly basis. For Emission Point AA-005, the permittee shall monitor, record, and maintain records of the type and quantity of fuel used or purchased on a monthly basis.

(Ref.: PTC issued on August 24, 1993 and 11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2).)

5.B.2 For Emission Points AA-002 through AA-004 *(Boiler, Turbine, and Black Start Engine)*, the permittee shall perform visual observations on a weekly basis while the emission points are operating and combusting fuels other than natural gas. If any visible emissions are detected during an observation period of six (6) consecutive minutes, a visible emission evaluation (VEE) shall be performed in accordance with EPA Reference Method 9. If a VEE is performed using EPA Reference Method 9, then the observation period shall consist of a minimum of eighteen (18) consecutive minutes. In addition, the permittee shall maintain a record and/or a log documenting all visual observations and VEE, the nature and

cause of any visible emissions, any corrective action(s) taken to prevent or minimize the emissions, and the date and time when visible emission observations were conducted.

(Ref.: PTC issued on August 24, 1993,11 Miss. Admin. Code Pt. 2, R.1.3.A&B., and 11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2).)

5.B.3 For Emission Point AA-003 *(Turbine)*, the permittee shall assure compliance with the NO_X limit by continuously monitoring and recording a three-hour average of the temperature and oxygen content of the flue gas as well as the corresponding operating load as a percent of base load (i.e., 30%, 50%, 75%, and 100%) during operation. Continuous shall mean that one value of flue gas temperature, excess oxygen content, and operating load shall be read and recorded at least every hour of operation. The subsequent three-hour average shall then be determined based on each consecutive three-hour reading.

(Ref.: 11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2).)

5.B.4 For Emission Point AA-003 *(Turbine)*, the permittee shall perform stack testing for NO_X and SO_2 emission limitations at least every five (5) years, and at no time shall the duration between previous and subsequent testing be more than 5 years. Performance testing for NO_X and SO_2should be done in accordance with EPA Reference Method 20 or other approved equivalent(s). The facility may also demonstrate compliance with the SO_2 emissions limit by using fuel supplier certification or analysis to demonstrate the sulfur content of the fuel and calculating the expected SO_2 emissions.

Prior to performance of the test, the permittee may request alternatives to the above testing methods, and pursuant to approval by the MDEQ, the alternative test method(s) may be used by the permittee. The test report, including any calculated SO_2 emissions and the fuel supplier certifications or fuel analysis indicating the sulfur content of the fuel, shall be submitted to the MDEQ within sixty (60) days after the test has been completed.

A testing protocol shall be submitted at least thirty (30) days prior to the scheduled test date to ensure that all test methods and procedures are acceptable to the MDEQ. In addition, a pretest meeting may be necessary to discuss test methods, operating schedule, and procedures. Also, the MDEQ must be notified prior to the scheduled test date. At least TEN (10) DAYS notice should be given so that an observer may be scheduled to witness the test(s).

(Ref.: PTC issued on August 24, 1993 and 11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2).)

5.B.5 For Emission Point AA-004 *(Black Start Engine)*, 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 Condition 3.D.1 apply. The

permittee has the option of utilizing an oil analysis program as described in 40 CFR 63.6625(i) in order to extend the specified oil change requirement in Condition 3.D.1 and shall comply with the oil analysis program provisions as such. The analysis program must be part of the maintenance plan for the engine.

(Ref.: 40 CFR 63.6625(e)(3), (h), and (i), and Table 6, Subpart ZZZZ)

5.B.6 For Emission Point AA-004 *(Black Start Engine)*, the permittee shall demonstrate continuous compliance with each emission limitation, operating limitation, and other requirements in Conditions 3.D.1 and 3.D.2.

(Ref.: 40 CFR 63.6640(a), and Table 6, Subpart ZZZZ)

5.B.7 For Emission Point AA-004 *(Black Start Engine)*, the permittee shall keep the following records:

(a) The permittee shall keep records described in paragraphs (1) through (4).

(1) A copy of each notification and report that the permittee submitted to comply with 40 CFR 63, Subpart ZZZZ, 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 all required maintenance performed on the air pollution control and monitoring equipment.

(4) Records of actions taken during periods of malfunction to minimize emissions in accordance with 3.D.2, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. A copy of each report submitted to comply with 40 CFR 63, Subpart ZZZZ;

(b) The permittee shall maintain records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE according to your own maintenance plan;

(Ref.: 40 CFR 63.6655(a), (e), and (f))

5.B.8 For Emission Point AA-005 *(Gasoline Tank)*, the permittee shall keep records of the occurrence and duration of each malfunction of tank operation and the action taken during the periods of malfunction to minimize emissions, including corrective actions to restore the tank to its normal or usual manner of operation.

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

5.B.9 For Emission Point AA-005 (*Gasoline Tank*), the permittee shall calculate and keep records of the monthly gasoline throughput in accordance with Condition 5.B.1.

(Ref.: 11 Miss. Admin. Code Pt. 2, R.6.3.A(3)(a)(2))

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
AA-002 through AA-005 *(Boiler, Turbine, Engine and Gasoline Tank)*	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.1	Fuel Usage	Semiannual Summary Report
AA-002 through AA-004 *(Boiler, Turbine, and Engine)*		5.C.2	Visible Emissions	
AA-003 *(Turbine)*		5.C.3	NOx Monitoring	
		5.C.4	Performance Testing	Submit Protocol within 30 days of test, 10-day notification prior to test, and final report submitted within 60 days of test
AA-004 *(Engine)*	40 CFR 63.6640(b) and (e), Subpart ZZZZ	5.C.5	HAPs	Reporting Requirements
	40 CFR 63.6650 (c)(1) through (5), Subpart ZZZZ	5.C.6		
AA-005 *(Gasoline Tank)*	40 CFR 63.11116(b)	5.C.7		Provide reports of throughput and records within 24hours if requested by DEQ

5.C.1 For Emission Points AA-002 through AA-005 *(Boiler, Turbine, Black Start Engine and Gasoline Tank)*, the permittee shall submit a semi-annual summary report of the required fuel records including the monthly gasoline throughput for Emission Point AA-005 in accordance with Condition 5.A.4.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.2 For Emission Points AA-002 through AA-004 *(Boiler, Turbine, and Black Start Engine)*, the permittee shall submit a semi-annual summary report of the required visible observations and VEE in accordance with Condition 5.A.4 if any fuel other than natural

gas is burned during the reporting period. In addition, any deviation shall be reported in accordance with Condition 5.A.5.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.3 For Emission Point AA-003 *(Turbine)*, the permittee shall submit a semi-annual summary report of the required NO_X monitoring (3-hour averaging of temperature, oxygen content, and percent base load) in accordance with Condition 5.A.4. Additionally, the permittee shall report any three-hour averages that result in a deviation up or down from the average values depicted on the previously approved graph(s) for temperature and excess oxygen content for a given load that are greater than 2% excess oxygen content or greater than 75°F flue gas temperature.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.4 For Emission Point AA-003 *(Turbine)*, the permittee shall submit the testing protocol within thirty (30) days prior to a scheduled test date, and a notice of any scheduled performance testing at least ten (10) days prior to the test date so that an observer may be scheduled to witness the test(s). The stack test report(s) shall be submitted to the MDEQ for review within sixty (60) days after the test has been completed.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)

5.C.5 For Emission Point AA-004 *(Black Start Engine)*, the permittee shall report each instance in which the emission limitations or operating requirements of Conditions 3.D.1 and 3.D.2, or Table 8 of Subpart ZZZZ were not met. These instances are deviations and shall be reported within five (5) business days in accordance with Condition 5.C.6 and 5.A.5.

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

5.C.6 For Emission Point AA-004 *(Black Start Engine)*, the permittee shall submit a semiannual compliance report containing the information in paragraphs (a) through (e) of this section.

(a) Company name and address.

(b) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.

(c) Date of report and beginning and ending dates of the reporting period.

(d) If the permittee had a malfunction during the reporting period, the compliance report

must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with Condition 3.D.2, including actions taken to correct a malfunction.

(e) If there are no deviations from any emission or operating limitations that apply to you, a statement that there were no deviations from the emission or operating limitations during the reporting period.

(Ref.: 40 CFR 63.6650(c)(1) through (5), Subpart ZZZZ)

5.C.7 For Emission Point AA-005 *(Gasoline Tank)*, the permittee is not required to submit notifications or reports as specified in 40 CFR 63.11125, 63.11126, or subpart A of this part, but shall have records available within 24 hours of a request by the DEQ to document the gasoline throughput.

(Ref.: 40 CFR 63.11116(b), Subpart CCCCCC)

SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

SECTION 7. TITLE VI REQUIREMENTS

The following are applicable or potentially applicable requirements originating from Title VI of the Clean Air Act – Stratospheric Ozone Protection. The full text of the referenced regulations may be found on-line at **http://www.ecfr.gov/** under Title 40, or DEQ shall provide a copy upon request from the permittee.

7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.

7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.

7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:

(a) All containers in which a class I or class II substance is stored or transported;

(b) All products containing a class I substance; and

(c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.

7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:

(a) Servicing, maintaining, or repairing appliances;

(b) Disposing of appliances, including small appliances and motor vehicle air conditioners; or

(c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery

equipment, approved recycling and recovery equipment testing organizations, as well as persons selling, offering for sale, and/or purchasing class I, class II, or non-exempt substitute refrigerants.

7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.

7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:

(a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;

(b) Any person disposing of halons;

(c) Manufacturers of halon blends; or

(d) Organizations that employ technicians who service halon-containing equipment.

APPENDIX A

List of Abbreviations Used In this Permit

11 Miss. Admin. Code Pt. 2, Ch. 1.	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
11 Miss. Admin. Code Pt. 2, Ch. 2.	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
11 Miss. Admin. Code Pt. 2, Ch. 3.	Regulations for the Prevention of Air Pollution Emergency Episodes
11 Miss. Admin. Code Pt. 2, Ch. 4.	Ambient Air Quality Standards
11 Miss. Admin. Code Pt. 2, Ch. 5.	Regulations for the Prevention of Significant Deterioration of Air Quality
11 Miss. Admin. Code Pt. 2, Ch. 6.	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
11 Miss. Admin. Code Pt. 2, Ch. 7.	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOC	Non-Methane Volatile Organic Compounds
NO_x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM_{10}	Particulate Matter less than 10 μm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound