STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Southern Natural Gas Company LLC, Enterprise Compressor Station
100 County Road 332
Enterprise, Mississippi
Clarke 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: **September 30, 2024**
Modified: _____

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

_____

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: August 31, 2029 **Permit No.: 0440-00048**

4857 PER20230001

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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 airfields, 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 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.)

1.25 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-005	2,500 HP Cooper Bessemer GMVH-12C 2SLB SI natural gas-fired non-emergency compressor engine (Ref. No. 001C-010)
AA-006	3,920 HP Cooper Bessemer 8W330-C2 2SLB SI natural gas-fired non-emergency compressor engine (Ref. No. 001C-011)
AA-007	3,920 HP Cooper Bessemer 8W330-C2 2SLB SI natural gas-fired non-emergency compressor engine (Ref. No. 001C-012)
AA-008	3,920 HP Cooper Bessemer 8W330-C2 2SLB SI natural gas-fired non-emergency compressor engine (Ref. No. 001C-013)
AA-009	567 HP Caterpillar G3412 TA four stroke rich burn (4SRB) SI natural gas-fired emergency generator engine (Ref. No. 002G-003)
AA-010	4,730 HP Caterpillar G3616 four stroke lean burn (4SLB) SI natural gas-fired non-emergency compressor engine equipped with an oxidation catalyst (Ref. No. 001C-014)
AA-011	4,730 HP Caterpillar G3616 4SLB SI natural gas-fired non-emergency compressor engine equipped with an oxidation catalyst (Ref. No. 001C-015)
AA-013	10,350 HP (61.2 MMBTUH) Solar Taurus T-70 natural gas-fired compressor turbine
AA-014	650 HP Kohler 400 REZXB 4SRB SI natural gas-fired emergency generator engine
AA-015	0.25 MMBTUH Fuel Gas Heater
AA-017	1,035 HP Caterpillar G3512 4SRB SI EPA Certified natural gas-fired emergency generator engine
AA-018	A 23,369 hp, 165.38 MMBTU/hr Solar Titan 130 non-emergency simple cycle natural gas compressor turbine
AA-019	2,264 HP Caterpillar G3516 4SLB SI EPA Certified natural gas-fired emergency generator engine
AA-020	0.864 MMBTU/hr Direct Heat Catalytic Fuel Gas Heater
AA-000	Plant-wide Equipment and Pipe Fugitive Emissions

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.)

3.A.3 For the entire facility, the permittee shall not cause, permit, 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.

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

(b) When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance to property other than that from which it originated or to violate any other provision of 11 Miss. Admin. Code Pt. 2, Ch. 1, the Commission may order such corrected in a way that all air and gases or air and gasborne 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.)

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-000 and AA-018	40 CFR 60, Subpart OOOOb (Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification, or Reconstruction Commenced After December 6, 2022) 40 CFR 60.5365b(b), , and 60.5365b(i), Subpart OOOOb	3.B.1	GHG	General Applicability
AA-005 through AA-008, AA-010, AA-011, AA-013, AA-014, AA-017, AA-019	11 Miss. Admin. Code Pt. 2, R. 1.3. D(1)(b)	3.B.2	PM	$E=0.8808*I^{-0.1667}$
AA-009, AA-015, and AA-020	11 Miss. Admin. Code Pt. 2, R. 1.3. D(1)(a)	3.B.3	PM	0.6 lbs/MMBTU
AA-005 through AA-011, AA-014, AA-017, and AA-019	40 CFR 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)) 40 CFR 63.6580, Subpart ZZZZ; 40 CFR 63.6585(a)-(b), Subpart ZZZZ; 40 CFR 63.6590(a)(1)(i)-(ii), Subpart ZZZZ; 40 CFR 63.6590(a)(2)(i), Subpart ZZZZ; 40 CFR 63.6590(b)(1)(i), Subpart ZZZZ; and 40 CFR 63.6590(b)(3)(i)-(iii), Subpart ZZZZ	3.B.4	HAP	Applicability
AA-005	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued August 28, 1984	3.B.5	NO_X	12.7 lb/hr and 55.6 tpy
AA-006, AA-007, and AA-008	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued May 14, 1996	3.B.6	NO_X	24.0 lb/hr and 105.0 tpy per emission source
			CO	15.0 lb/hr and 65.0 tpy per emission source

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-009, AA-014, AA-017, and AA-019	40 CFR 63.6625(f), Subpart ZZZZ and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Title V Operating Permit issued December 6, 2018	3.B.7	Operational Restriction	Non-resettable hour meter
AA-009, AA-014, AA-017, and AA-019	40 CFR 63.6640(f) and 63.6675, Subpart ZZZZ, and 40 CFR 60.4243(d)(1)-(3), and 60.4248, Subpart JJJJ	3.B.8	Operational Restriction	Emergency Operational Requirements
AA-010 and AA-011	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Title V Permit modified January 18, 2002 and Air Construction Permit issued August 26, 2003	3.B.9	CO	3.65 lb/hr and 16.0 tpy per emission source
			NO_X	7.3 lb/hr and 31.97 tpy per emission source
			VOC	4.43 lb/hr and 19.41 tpy per emission source
		3.B.10	Fuel Restriction	Natural Gas Only
		3.B.11	Control Device Requirement	Must be operated at all times
	40 CFR Part 64 – Compliance Assurance Monitoring (CAM) 40 CFR 64.2(a), CAM	3.B.12	CO	CAM Applicability
AA-011	40 CFR 63.6600(b), Subpart ZZZZ and Item 2 of Table 2a of 40 CFR 63, Subpart ZZZZ	3.B.13	CO or Formaldehyde	Reduce CO emissions by ≥ 93% or limit formaldehyde to 14 ppmvd at 15% O_2
	40 CFR 63.6600(b), Subpart ZZZZ and Item 1 of Table 2b of 40 CFR 63, Subpart ZZZZ	3.B.14	General Operating Condition	Catalyst pressure drop ≤ 2 inches H_2O and catalyst inlet temp. ≥ 450 °F and ≤ 1350 °F
	40 CFR 63.6605(a), Subpart ZZZZ	3.B.15	General Operating Condition	Continuous Compliance
	40 CFR 63.6605(b), Subpart ZZZZ	3.B.16	General Operating Condition	Minimizing Emissions
AA-013	40 CFR 60, Subpart GG (Standards of Performance for Stationary Gas Turbines) 40 CFR 60.330, Subpart GG	3.B.17	SO_2 and NOx	Applicability
	40 CFR 60.333(b), Subpart GG	3.B.18	Fuel Sulfur Content	≤ 0.8 percent by weight
	40 CFR 60.332(a)(2), Subpart GG	3.B.19	NO_X	STD = 0.0150((14.4)/Y) + F
	40 CFR 60.334(h)(3), Subpart GG	3.B.20	Fuel Restrictions	Natural Gas Only, with sulfur content ≤ 20 grains/100 scf
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued April 1, 2013	3.B.21	CO	11.89 lb/hr and 45.14 tpy
			NO_X	9.77 lb/hr and 37.05 tpy
			VOC	3.10 lb/hr and 11.75 tpy

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-014 AA-017, and AA-019	40 CFR 60, Subpart JJJJ (Standards of Performance for Stationary Spark Ignition Internal Combustion Engines) 40 CFR 60.4230(a)(4)(iv), Subpart JJJJ	3.B.22	NO_X, CO, and VOC	Applicability
	40 CFR 60.4233(e), Subpart JJJJ; 40 CFR 60.4234, Subpart JJJJ; and Table 1 to 40 CFR Part 60, Subpart JJJJ	3.B.23	NO_X, CO, and VOC	2.0 g/bhp-hr NO_x or 160 ppmvd @ 15% O_2 4.0 g/bhp-hr CO or 540 ppmvd @ 15% O_2 1.0 g/bhp-hr VOC or 86 ppmvd @ 15% O_2
AA-015	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.B.24	SO_2	4.8 lbs/MMBTU
	40 CFR 63, Subpart DDDDD (National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters) 40 CFR 63.7485,63.7490, 63.7499(l), and 63.7500(a)(3), Subpart DDDDD	3.B.25	HAPs	General Applicability
		3.B.26	General Operating Condition	Minimizing Emissions
AA-018	40 CFR 63, Subpart YYYY (National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines)	3.B.27	HAPs	General Applicability
	40 CFR 63.6100 and Table 1 of Subpart YYYY	3.B.28	Formaldehyde	91 ppbvd or less at 15-percent O_2
	40 CFR 60, Subpart KKKKa (Standards of Performance for Stationary Combustion Turbines) 40 CFR 60.4305a(a) and 60.4305a(b)	3.B.29	NO_X and SO_2	General Applicability
	40 CFR 60.4320a(a), Subpart KKKKa	3.B.30	NO_X	Emission Standard: 15 ppm at 15% O_2
	40 CFR 60.4330a(a), Subpart KKKKa	3.B.31	SO_2	Emission limits: 0.06 lbs SO_2/MMBTU (20 grains S/100 scf)
AA-018	40 CFR 60.5380b(a)(6)(i) and 60.5380b(a)(7)(iii), Subpart OOOOb	3.B.32	GHG and VOC	Volumetric Flow Rate

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-000	40 CFR 60.5397b(a) through (g), Subpart OOOOb	3.B.33	Methane, VOC	Monitoring requirement
	40 CFR 60.5397b(a) and (h), Subpart OOOOb	3.B.34		Repair Requirement
	40 CFR 60.5397b(f) and (g)(1)(v), Subpart OOOOb	3.B.35		Monitoring Survey

3.B.1 For Emission Points AA-000 and AA-0018, the permittee is subject to and shall comply with all applicable provisions of the Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification, or Reconstruction Commenced After December 6, 2022, 40 CFR 60, Subpart OOOOb.

(Ref.: 40 CFR 60.5360b, 60.5365b(b), 60.5365b(h), and 60.5365b(i), Subpart OOOOb)

3.B.2 For Emission Points AA-005 through AA-008, AA-010, AA-011, AA-013, AA-014, AA-017, and AA-019, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations greater than 10 million BTU per hour heat input but less than 10,000 million BTU per hour heat input shall not exceed an 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.3 For Emission Points AA-009, AA-015, and AA-020, the maximum permissible emission of ash and/or particulate matter from a 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 Points AA-005 through AA-011, AA-014, AA-017, and AA-019, the permittee is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR Part 63, Subpart ZZZZ.

Emission Points AA-005 through AA-008 are existing non-emergency spark ignition two stroke lean burn (2SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions and as such are not required to meet the

requirements of 40 CFR Part 63, Subpart ZZZZ or the General Provisions in Subpart A.

Emission Point AA-009 is an existing emergency stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions. As such, the emergency engine is only required to meet the emergency operational requirements of 40 CFR Part 63, Subpart ZZZZ that are listed in Condition 3.B.9.

Emission Point AA-010 is an existing non-emergency spark ignition four stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions and as such is not required to meet the requirements of 40 CFR Part 63, Subpart ZZZZ or the General Provisions in Subpart A.

Emission Point AA-011 is a new non-emergency SI 4SLB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions and as such is required to meet the requirements of 40 CFR Part 63, Subpart ZZZZ and the General Provisions in Subpart A.

Emission Points AA-014, AA-017 and AA-019 are new emergency generators, as defined in Subpart ZZZZ (40 CFR 63.6590(a)(2)(i)), with rated powers of 650 hp, 1,035 hp and 2,264 hp respectively located at a major source of HAP emissions that do not operate or are not contractually obligated to be available for more than 50 hours per calendar year for the purposes specified in 40 CFR Part 63.6640(f)(4)(ii) and as such are not required to meet the requirements of 40 CFR Part 63, Subpart ZZZZ or the General Provisions in Subpart A, except for the initial notification requirements, which have been met.

(Ref.: 40 CFR 63.6580, 40 CFR 63.6585(a)-(b), 40 CFR 63.6590(a)(1)(i)-(ii), 40 CFR 63.6590(a)(2)(i), 40 CFR 63.6590(b)(1)(i), and 40 CFR 63.6590(b)(3)(i)-(iii), Subpart ZZZZ)

3.B.5 For Emission Point AA-005, NOx emissions are limited to 12.7 lb/hr and 55.6 tpy.

(Ref: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued August 28, 1984)

3.B.6 For Emission Points AA-006, AA-007, and AA-008, NOx emissions are limited to 24.0 lb/hr and 105.0 tpy from each emission source and CO emissions are limited to 15.0 lb/hr and 65.0 tpy from each emission source.

(Ref: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued May 14, 1996)

3.B.7 For Emission Points AA-009, AA-014, AA-017, and AA-019, the permittee must install and operate a non-resettable hour meter on each emergency engine.

(Ref: 40 CFR 63.6625(f) and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Title V Operating Permit issued December 6, 2018))

3.B.8 For Emission Points AA-009, AA-014, AA-017, and AA-019, the permittee shall operate each emergency engine according to the requirements below:

(a) There is no limit on the use of the engine during emergency situations.

(b) The engine may be operated for a maximum of 100 hours per calendar year for maintenance checks and readiness testing, provided that the tests are recommended by federal, state, or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the DEQ for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (c) counts as part of the 100 hours per calendar year allowed by this paragraph.

(c) The engine may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

If the emergency engines are not operated according to the requirements in (a) - (c) above, then Emission Point AA-014 will not be considered an emergency engine under 40 CFR Part 60, subpart JJJJ and must meet all requirements for non-emergency engines, and Emission Point AA-009 will not be considered emergency engines under 40 CFR Part 63, subpart ZZZZ and must meet all requirements for non-emergency engines

(Ref.: 40 CFR 63.6640(f) and 40 CFR 63.6675, Subpart ZZZZ and 40 CFR 60.4243(d)(1)-(3) and 40 CFR 60.4248, Subpart JJJJ)

3.B.9 For Emission Points AA-010 and AA-011, NOx emissions are limited to 7.3 lb/hr and 31.97 tpy for each emission point, CO emissions are limited to 3.65 lb/hr and 16.0 tpy for each emission point, and Volatile Organic Compound (VOC) emissions are limited to 4.43 lb/hr and 19.41 tpy for each emission point. These limits were established to remain below PSD significant emission rates.

(Ref: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued August 26, 2003, and Air Title V Permit modified January 18, 2002)

3.B.10 For Emission Points AA-010 and AA-011, the permittee shall combust pipeline quality natural gas only.

(Ref: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued August 26, 2003, and Air Title V Permit modified January 18, 2002)

3.B.11 For Emission Points AA-010 and AA-011, the permittee shall operate each source with emissions routed to each source's respective air pollution control device at all times during operations.

(Ref: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued August 26, 2003, and Air Title V Permit modified January 18, 2002)

3.B.12 For Emission Points AA-010 and AA-011, the permittee is subject to and shall comply with all applicable requirements of 40 CFR Part 64 – Compliance Assurance Monitoring (CAM).

(Ref.: 40 CFR 64.2(a), Compliance Assurance Monitoring)

3.B.13 For Emission Point AA-011, the permittee shall reduce CO emissions by 93 percent or more or limit the concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd or less at 15 percent O_2, with the engine operated at 100% load plus or minus 10%.

(Ref.: 40 CFR 63.6600(b) and Item 2 of Table 2a of 40 CFR Part 63, Subpart ZZZZ)

3.B.14 For Emission Point AA-011, the permittee shall maintain the catalyst so that the pressure drop across the catalyst does not change by more than two inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst that was measured during the initial performance test. In addition, the permittee shall maintain the temperature of the stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 ^{o}F and less than or equal to 1350 ^{o}F.

(Ref.: 40 CFR 63.6600(b) and Item 1 of Table 2b of 40 CFR Part 63, Subpart ZZZZ)

3.B.15 For Emission Point AA-011, the permittee shall be in compliance with the emission limitations and operating limitations cited in Conditions 3.B.13 and 3.B.14 at all times.

(Ref.: 40 CFR 63.6605(a), Subpart ZZZZ)

3.B.16 For Emission Point AA-011, the permittee shall at all times, operate and maintain the engine, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safe and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require any further efforts to be made to reduce emissions if levels required by 40 CFR Part 63, Subpart ZZZZ have

been achieved. 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 engine.

(Ref.: 40 CFR 63.6605(b), Subpart ZZZZ)

3.B.17 Emission Point AA-013 is subject to and shall comply with all applicable requirements of the New Source Standards of Performance for Stationary Combustion Turbines, 40 CFR Part 60, Subpart GG.

(Ref.: 40 CFR 60.330, Subpart GG)

3.B.18 For Emission Point AA-013, the permittee shall not burn any fuel which contains sulfur in excess of 0.8 percent by weight.

(Ref.: 40 CFR 60.333(b), Subpart GG)

3.B.19 For Emission Point AA-013, the permittee shall not cause to be discharged into the atmosphere any gases which contain nitrogen oxides in excess of:

$$STD = 0.0150[(14.4)/Y] + F$$

where: STD = allowable NO_x emissions (percent by volume at 15 percent oxygen and on a dry basis)

Y = manufacturer's rated heat rate at manufacturer's rated peak load (kilojoules per watt hour), or actual measured heat rate based on lower heating value of fuel as measured at actual peak load for the facility. The value of Y shall not exceed 14.4 kilojoules per watt hour.

F = NO_x emission allowance for fuel bound nitrogen as defined by the following table:

Fuel-bound nitrogen (percent by weight)	F (NO_x percent by volume)
$N \leq 0.015$	0
$0.015 < N \leq 0.1$	0.04(N)
$0.1 < N \leq 0.25$	0.004 + 0.0067(N-0.1)
$N > 0.25$	0.005

where: N = the nitrogen content of the fuel (percent by weight)

(Ref.: 40 CFR 60.332(a)(2), Subpart GG)

3.B.20 For Emission Point AA-013, the permittee shall combust only natural gas that complies

with the definition of natural gas in 40 CFR 60.331(u). The permittee may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in 40 CFR Part 60.331(u), regardless of whether an existing custom schedule approved by the Environmental Protection Agency (EPA) for subpart GG requires such monitoring. The permittee shall use one of the following sources of information to make the required demonstration:

(a) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(b) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to part 75 is required.

(Ref: 40 CFR 60.334(h)(3), Subpart GG)

3.B.21 For Emission Point AA-013, NOx emissions are limited to 9.77 lb/hr and 37.05 tpy, CO emissions are limited to 11.89 lb/hr and 45.14 tpy, and VOC emissions are limited to 3.10 lb/hr and 11.75 tpy.

(Ref: Air Construction Permit issued April 1, 2013)

3.B.22 Emission Point AA-014 is subject to and shall comply with all applicable requirements of the Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, 40 CFR Part 60, Subpart JJJJ.

(Ref: 40 CFR 60.4230(a)(4)(iv), Subpart JJJJ)

3.B.23 For Emission Point AA-014, AA-017, and AA-019, Nitrogen Oxide (NOx) emissions are limited to 2.0 grams per horsepower-hour (g/bhp-hr) or 160 ppmvd @ 15% O2, Carbon Monoxide (CO) emissions are limited to 4.0 g/bhp-hr or 540 ppmvd @ 15% O2, and Volatile Organic Compound (VOC) emissions are limited to 1.0 g/bhp-hr or 86 ppmvd @ 15% O2. The engine shall be operated and maintained such that the engine achieves these emission standards over the entire life of the engine.

(Ref: 40 CFR 60.4233(e), 40 CFR 60.4234, and Table 1 of 40 CFR 60, Subpart JJJJ)

3.B.24 For Emission Points AA-015, and AA-020, 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 (SO2) per million BTU heat input.

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

3.B.25 Emission Point AA-015 is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR Part 63 Subpart DDDDD. Emission Point AA-015 is an existing process heater in the "units designed to burn gas 1 fuel" subcategory as listed in 40 CFR Part 63.7499(l) and defined in 40 CFR Part 63.7575. This unit does not have any applicable emission standards and only has to comply with the work practice standard in Condition 3.D.1.

(Ref: 40 CFR 63.7485, 40 CFR 63.7490(a)(1) and (d), 40 CFR 63.7499(l), and 40 CFR 63.7500(a)(1), Subpart DDDDD)

3.B.26 For Emission Point AA-015, the permittee shall operate and maintain the process heater, including any monitoring equipment, in a manner consistent with safe and good air pollution control practices for minimizing emissions.

(Ref.: 40 CFR 63.7500(a)(3), Subpart DDDDD)

3.B.27 Emission Point AA-018 is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines, 40 CFR 63, Subpart YYYY. Emission Point AA-018 is a new stationary combustion turbine that is constructed after January 14, 2003 located at a major source of HAP emissions.

(Ref.: 40 CFR 63.6085(a), Subpart YYYY)

3.B.28 For Emission Point AA-018, the permittee shall limit the concentration of formaldehyde to 91 ppbvd or less at 15-percent O_2, except during turbine startup, as defined in 40 CFR 63.6175.

(Ref.: 40 CFR 63.6100, Table 1 and Table 2 of Subpart YYYY)

3.B.29 For Emission Point AA-018, the permittee is subject to and shall comply with all applicable requirements of 40 CFR 60, Subpart KKKKa – Standards of Performance for Stationary Combustion Turbines that commence construction, modification, or reconstruction after December 13, 2024 and that have a base load rating equal to or greater than 10.7 gigajoules per jour (GJ/h) or 10 MMBTU/hr. Emission Point AA-018 is a stationary combustion turbine that commenced construction, modification, or reconstruction after February 18, 2005 with a peak load equal to or greater than 10 MMBTU per hour. However, Emission Point AA-018 will be constructed after December 13, 2024. Therefore, the permittee is not subject to the requirements of 40 CFR 60, Subpart GG or Subpart KKKK.

(Ref.: 40 CFR 60.4305a(a) and 60.4305a(b), Subpart KKKKa)

3.B.30 For Emission Point AA-018, the permittee shall not discharge NO_X that exceeds 15 ppm at 15% O_2 as determined by EPA Test Method 7E in 40 CFR 60, Appendix A. During each operating hour, the permittee must meet the applicable NOx emission standard, which corresponds to a stationary combustion turbine firing natural gas for that operating hour.

The permittee must meet the applicable NOx emissions standard during all times that the affected facility is operating (including periods of startup, shutdown, and malfunction).

(Ref.: 40 CFR 60.4320a(a), (b)(1)-(3), and (d), and Tables 1, Subpart KKKKa)

3.B.31 For Emission Point AA-018, the permittee shall not emit more than 26 ng SO_2/ J (0.060 lb SO_2/MMBTU) heat input (20 grains S/100 scf).

(Ref.: 40 CFR 60.4330a(a)(2), Subpart KKKKa)

3.B.32 For Emission Point AA-018, the volumetric flow rate per seal must not exceed 10 standard cubic feet per minute (scfm) per seal, as determined by 40 CFR 60.5380b(a)(7)(iii)(A) or (B). If the individual seals are manifolded to a single open-ended vent line, the volumetric flow rate must not exceed the sum of the individual seals multiplied by 10 scfm.

(Ref.: 40 CFR 60.5380b(a)(6)(i) and 60.5380b(a)(7)(iii), Subpart OOOOb)

3.B.33 For Emission Point AA-000, the permittee must develop a fugitive emissions monitoring plan containing the following elements and that covers all fugitive emissions components affected facilities within each company-defined area.

(a) Frequency for conducting surveys. Surveys must be conducted at least as frequently as required by Condition 3.B.35.

(b) Technique for determining fugitive emissions (*i.e.*, AVO or other detection methods, Method 21 of appendix A-7 to 40 CFR Part 60, and/or OGI meeting the requirements of paragraph (g) of this condition).

(c) Manufacturer and model number of fugitive emissions detection equipment to be used, if applicable.

(d) Procedures and timeframes for identifying and repairing fugitive emissions components from which fugitive emissions are detected, including timeframes for fugitive emission components that are unsafe to repair. The repair schedule must meet the requirements of Condition 5.B.37 at a minimum.

(e) Procedures and timeframes for verifying fugitive emission component repairs.

(f) Records that will be kept and the length of time records will be kept.

(g) If the permittee uses OGI, the plan must also include the elements specified in 40 CFR 60.5397b(c)(7)(i) through (vii). The plan must also include procedures to ensure that all fugitive emissions components, except buried yard piping and associated components (*e.g.*, connectors), are monitored during each survey. Example procedures include, but are not limited to, a sitemap with an observation path, a written narrative of where the fugitive emissions components are located and how they will be monitored, or an inventory of fugitive emissions components.

(h) If the permittee uses Method 21 of appendix A-7 to this part, the plan must also include the elements specified in 40 CFR 60.5397b(c)(8)(i) through (iv). For the purposes of complying with the fugitive emissions monitoring program using Method 21 of appendix A-7 to 40 CFR Part 60, a fugitive emission is defined as an instrument reading of 500 ppmv or greater.

The plan must also include a list of fugitive emissions components to be monitored and method for determining the location of fugitive emissions components to be monitored in the field (*e.g.*, tagging, identification on a process and instrumentation diagram, etc.). The fugitive emissions monitoring plan must include the written plan developed for all of the fugitive emissions components designated as difficult-to-monitor in accordance with 40 CFR 60.5397b(g)(2), and the written plan for fugitive emissions components designated as unsafe-to-monitor in accordance with 40 CFR 60.5397b(g)(3).

(Ref.: 40 CFR 60.5397b(b), (c), and (d), Subpart OOOOb)

3.B.34 For Emission Point AA-000, each fugitive emissions component, except buried yard piping and associated components (e.g., connectors), shall be observed or monitored for fugitive emissions during each monitoring survey.

(Ref.: 40 CFR 60.5397b(a) through (g), Subpart OOOOb)

3.B.35 For Emission Point AA-000, the permittee must conduct an initial monitoring survey using OGI or Method 21 of appendix A-7 to 40 CFR Part 60 within 90 days of the startup of production. Subsequent monitoring surveys must be conducted at the frequencies in paragraphs (a) and (b) of this condition.

(a) A monitoring survey must be conducted at least monthly using AVO, or any other detection method, after the initial survey. Any indications of fugitive emissions using these methods are considered fugitive emissions that must be repaired in accordance with Condition 5.B.10.

(b) A monitoring survey must be conducted at least quarterly using OGI or Method 21 of appendix A-7 to this part after the initial survey. Consecutive quarterly monitoring surveys must be conducted at least 60 calendar days apart.

(Ref.: 40 CFR 60.5397b(f) and (g)(1)(v), Subpart OOOOb)

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-015	40 CFR 63.7500(e), 63.7515(d), 63.7540(a)(10)(i)-(vi), (12) and (13), and Table 3 of 40 CFR Part 63, Subpart DDDDD	3.D.1	Tune Up	Tune-ups
The facility	40 CFR 60.5371b(d), Subpart OOOOb	3.D.2	Methane	super-emitter event investigation
AA-000 AA-018	40 CFR 60.5370b(b), Subpart OOOOb	3.D.3	GHG/VOC	good air pollution control practice for minimizing emissions
AA-018	40 CFR 60.4333a(a), Subpart KKKKa	3.D.4	NO_X and SO_2	Good Air Pollution Practices

3.D.1 For Emission Point AA-015, the permittee shall complete a tune-up on the process heater every five years beginning from the date of the initial tune-up. Each subsequent tune-up shall be completed no more than 61 months after the previous one. If the unit is not operating on the required date of the tune-up, the tune-up must be conducted within 30 calendar days of startup. The tune-up must be completed in accordance with (a) through (f) below:

(a) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

(b) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

(c) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection;

(d) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOx requirement to which the unit is subject;

(e) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

(f) Maintain on-site and submit, if requested by MDEQ, an annual report containing the following information listed in (1) through (3) of this section:

(1) The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;

(2) A description of any corrective actions taken as a part of the tune-up of the process heater; and

(Ref.: 40 CFR Part 63.7500(e), 63.7515(d), 63.7540(a)(10)(i)-(vi),(12), and(13), and Table 3 of 40 CFR Part 63, Subpart DDDDD)

3.D.2 After January 22, 2027, the permittee must initiate a super-emitter event investigation according to 40 CFR 60.5371b(d) within five (5) calendar days of receiving notification from the EPA of the super-emitter event. A super-emitter event is defined as any emissions event that is located at or near the compressor station and that is detected using remote detection methods and has quantified emission rate of 100 kg/hr of methane or greater.

(Ref.: 40 CFR 60.5371b(d), Subpart OOOOb)

3.D.3 For Emission Points AA-000 and AA-018, at all times, including periods of startup, shutdown, and malfunction, the permittee shall maintain and operate the affected units including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating 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, opacity observations, review of operating and maintenance procedures, and inspection of the source. The provisions for exemption from compliance during periods of startup, shutdown and malfunctions provided for in 40 CFR 60.8(c) do not apply to 40 CFR Part 60, Subpart OOOOb.

(Ref.: 40 CFR 60.5370b(b), Subpart OOOOb)

3.D.4 For Emission Point AA-018, the permittee shall operate and maintain the stationary combustion turbine, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.

(Ref.: 40 CFR 60.4333a(a), Subpart KKKKa)

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. If the permit was reissued or modified during the course of the preceding calendar year, the compliance certification shall address each version of the permit. 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. For applicable periodic reporting requirements in 40 CFR Parts 60, 61, and 63, the permittee shall comply with the deadlines in this condition for reporting conducted on a semiannual basis. Additionally, any required quarterly reports shall be submitted by the end of the month following each calendar quarter (i.e., April

30th, July 31st, October 31st, and January 31st), and any required annual reports shall be submitted by January 31st following each calendar year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1)., 40 CFR 60.19(c), 61.10(g), and 63.10(a)(5))

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) working 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).)

5.A.8 Unless otherwise specified in Section 4, upon permit issuance, the monitoring, testing, recordkeeping, and reporting requirements of Section 5 herein supersede the requirements of any preceding permit to construct and/or operate.

(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-005 through AA-008	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.B.1	NO_X	Biennial performance tests
AA-005 and AA-006 through AA-008	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.B.2	CO	Biennial performance tests
AA-005 through AA-014, AA-017,	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.B.3	Fuel	Monitor and record monthly the type and quantity of natural gas combusted.

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Monitoring/Recordkeeping Requirement
and AA-019				
AA-009, AA-014, AA-017, and AA-019	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2) and 40 CFR 63.6625(d), Subpart ZZZZ	5.B.4	Hours	Monitor and record operations
AA-010 and AA-011	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.B.5	NO_X	Semiannual portable analyzer tests
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.B.6	Inspections	Weekly inspections
	40 CFR 64 (Compliance Assurance Monitoring)	5.B.7	CO and Formaldehyde	CAM Requirements – See Appendix B
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2); 40 CFR 63.6640(a); and Item 1 of Table 6 of 40 CFR Part 63, Subpart ZZZZ	5.B.8	Temperature	Monitor and record catalyst inlet temperature.
	40 CFR 64.3(a) and (b), 64.6(c), CAM	5.B.9	CAM Requirements	Monitor and record catalyst inlet temperature using a thermocouple and monitor and record the pressure drop across the oxidation catalyst and record the monthly pressure drop at 90 to 110 percent load.
	40 CFR 64.7(b) and (c), CAM	5.B.10	Operational Requirements	Operational Requirements
	40 CFR 64.7(d), CAM	5.B.11	Operational Requirements	Operational Requirements
	40 CFR 64.8, CAM	5.B.12	Operational Requirements	Develop and implement a Quality Improvement Plan (QIP), if necessary
	40 CFR 64.9(b), CAM	5.B.13	Recordkeeping Requirements	Recordkeeping Requirements
AA-010	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.B.14	CO	Annual performance tests
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.B.15	CO	Perform performance test upon replacement of the catalyst.
AA-011	40 CFR 63.6615, 63.6620, 63.6640,; and Tables 3, 4, and 6 of 40 CFR Part 63, Subpart ZZZZ	5.B.16	CO & O_2	Semiannual portable analyzer tests
	40 CFR 63.6640 and Table 6 of 40 CFR 63, Subpart ZZZZ	5.B.17	Temperature	Monitor and record catalyst inlet temperature.
	40 CFR 63.6640 and Table 6 of 40 CFR 63, Subpart ZZZZ	5.B.18	Pressure Drop	Monitor and record catalyst pressure drop
	40 CFR 63.6640(b), Subpart ZZZZ	5.B.19	CO and Pressure Drop	Perform performance test upon replacement of the catalyst.

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-013	40 CFR 60.334(h)(3), Subpart GG	5.B.20	Fuel Sulfur Content	Monitor and record fuel sulfur content
AA-014, AA-017, and AA-019	40 CFR 60.4243(a)(1) and (b)(1), Subpart JJJJ	5.B.21	NO_x, CO, and VOC	Purchase a certified engine
	40 CFR 60.4245(a)(1)-(4) and (b), Subpart JJJJ	5.B.22	NO_x, CO, and VOC	Keep records
AA-015	40 CFR 63.7540(a)(12), Subpart DDDDD	5.B.23	HAP	Continuous Compliance
	40 CFR 63.7555(a)(1), 63.7560, Subpart DDDDD; and 40 CFR 63.10(b)(2), Subpart A	5.B.24	HAP	Recordkeeping
AA-018	40 CFR 63.6110(a), Subpart YYYY	5.B.25	Formaldehyde	Initial Performance Test
	40 CFR 63.6115 and 40 CFR 63.6120, and Table 3 of 40 CFR 63, Subpart YYYY	5.B.26	Formaldehyde	Subsequent performance testing
	40 CFR 63.6130, Subpart YYYY	5.B.27	Formaldehyde	Monitoring
	40 CFR 63.6140(a), Subpart YYYY	5.B.28	Formaldehyde	Continuous Compliance
	40 CFR 63.6155(a), Subpart YYYY	5.B.29	Formaldehyde	Recordkeeping
	40 CFR 60.4333a(b), Subpart KKKKa	5.B.30	NO_X	Initial performance test
	40 CFR 60.4333a(b), Subpart KKKKa	5.B.31	NO_X	Performance testing
	40 CFR 60.4333a(d)(3), Subpart KKKKa	5.B.32	SO_2	Performance testing
	40 CFR 60.4340a(a), Subpart KKKKa	5.B.33	NO_X	Performance testing
	40 CFR 60.4372a(a) through (b), Subpart KKKKa)	5.B.34	SO_2	Fuel records
	40 CFR 60.5415b(d)(4) and 60.5420b(c)(4), Subpart OOOOb	5.B.35	VOC, GHG	Recordkeeping
	40 CFR 60.5420b(d)(4) and 60.5420b(c)(8) through (13), Subpart OOOOb	5.B.36	VOC, GHG	Recordkeeping
AA-000	40 CFR 60.5415b(l), Subpart OOOOb 40 CFR 60.5420b(c)(14), Subpart OOOOb	5.B.37	Recordkeeping	Recordkeeping

5.B.1 For Emission Points AA-005 through AA-008, the permittee shall conduct biennial (not to exceed 25 months from the previous one) performance tests in accordance with EPA Reference Method 7 or 7E or an EPA approved equivalent, to demonstrate compliance with the permitted emission limitations for NO_X. For the purpose of compliance demonstration, the permittee shall operate the sources at their maximum capacity.

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

5.B.2 For Emission Points AA-005, AA-006, AA-007, and AA-008, the permittee shall conduct biennial (not to exceed 25 months from the previous one) performance tests in accordance with EPA Reference Method 10, or an approved EPA equivalent, to demonstrate compliance with the permitted emission limitations for CO.

For the purpose of compliance demonstration, the permittee shall operate the sources at their maximum capacity.

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

5.B.3 For Emission Points AA-005 through AA-014, AA-017, and AA-019, the permittee shall monitor and maintain records of the type and quantity of fuel combusted on a monthly and 12-month consecutive rolling total basis.

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

5.B.4 For Emission Points AA-009, AA-014, AA-017, and AA-019, the permittee shall monitor and record the hours of operation of the engine using the non-resettable hour meter. These records must indicate how many hours are spent in emergency operation, including what classified the operation as an emergency, and how many hours are spent in non-emergency operation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2) and 40 CFR 63.6625(d), Subpart

5.B.5 For Emission Points AA-010 and AA-011, the permittee the permittee shall conduct semiannual (not to exceed 7 months from the previous test) performance test monitoring on each engine to demonstrate compliance with NO_x limitations. The monitoring shall be done using an approved portable analyzer for NO_x in accordance with ASTM D6522-00, or as an option the permittee may use EPA Reference Methods 7 and 10 or other approved equivalents. The NO_x testing shall be performed while the engine is operating at peak load conditions.

The permittee shall submit a test protocol at least thirty (30) days prior to the scheduled test date to ensure that all test methods and procedures are acceptable to the DEQ. The DEQ must be notified at least ten (10) days prior to the scheduled test date so that an observer may be scheduled to witness the test(s). After the first successful submittal of a written test protocol for the portable analyzers, the permittee may request that the resubmittal of testing protocol be waived for subsequent testing by certifying in writing at least thirty (30) days prior to subsequent testing that all conditions for testing remain unchanged such that the original protocol can and will be followed.

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

5.B.6 For Emission Points AA-010 and AA-011, the permittee shall perform weekly visual inspections of the air pollution control equipment for leaks, ruptures, cracks, etc.

Maintenance shall be performed as necessary to maintain proper operation of the pollution control equipment. Records of weekly inspections and any maintenance work shall be kept in log form and must be made available for review upon request during any inspection visit by the Office of Pollution Control personnel.

The permittee shall maintain on hand at all times sufficient equipment as is necessary to repair and/or overhaul the pollution control equipment. In the event of a failure of the pollution control equipment, the permittee shall cease operations until such time as repairs are made and the proper efficiency of the pollution control equipment is restored.

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

5.B.7 For Emission Points AA-010 and AA-011, the permittee shall comply with the Compliance Assurance Monitoring (CAM) requirements as specified in 40 CFR Part 64. The CAM Plans are provided in Appendix B.

(Ref.: 40 CFR 64, CAM)

5.B.8 For Emission Points AA-010 and AA-011, the permittee shall continuously monitor and keep records of the catalyst bed temperature.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2), 40 CFR Part 63.6640(a), and Item 1 of Table 6 of 40 CFR 63, Subpart ZZZZ)

5.B.9 For Emission Points AA-010 and AA-011, the permittee shall continuously monitor the oxidation catalyst inlet temperature using a thermocouple in accordance with the CAM Plan found in Appendix C of the permit. In addition, the permittee shall monitor the pressure drop across the oxidation catalyst and record the monthly pressure drop at 90 to 110 percent load.

(Ref.: 40 CFR 64.3(a) and (b), 64.6(c), Compliance Assurance Monitoring)

5.B.10 For Emission Points AA-010 and AA-011, the permittee shall comply with the following requirements for the monitoring required by the approved CAM Plan:

(a) Proper maintenance. At all times, the permittee shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(b) Continued operation. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. Data recorded during monitoring malfunctions, associated repairs, and

required quality assurance or control activities shall not be used, including in data averaging and calculations or in fulfilling a minimum data availability requirement, as applicable. The permittee shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(Ref.: 40 CFR 64.7(b) and (c), CAM)

5.B.11 For Emission Points AA-010 and AA-011, upon detecting an excursion or exceedance, the permittee shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

Determination of whether the permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.

(Ref.: 40 CFR 64.7(d), Compliance Assurance Monitoring)

5.B.12 For Emission Points AA-010 and AA-011, based on the results of a determination made under Condition 5.B.11, the DEQ may require the permittee to develop and implement a Quality Improvement Plan (QIP) containing the elements specified in 40 CFR 64.8(b). The QIP shall be developed and implemented within 180 days of written notification from DEQ that a QIP is required. The DEQ may require the permittee make reasonable changes to the QIP if the QIP fails to address the cause of the control device performance problem or fails to provide adequate procedures for correcting control device performance problems as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that applies.

(Ref.: 40 CFR 64.8, Compliance Assurance Monitoring)

5.B.13 For Emission Points AA-010 and AA-011, the permittee shall maintain records of

monitoring data, monitor performance data, corrective actions taken, any written QIP required pursuant to Condition 5.B.12 and any activities undertaken to implement a QIP, data used to document the adequacy of monitoring, and monitoring maintenance or corrective actions, as applicable. As applicable, records of monitoring data and monitoring performance data should include date and time, the company or entity that performed the analysis, analytical techniques or methods used, results and operating conditions at the time of the sampling or measurement. These records may be maintained in hard copy form or electronically, provided they are available for expeditious inspection and review.

(Ref.: 40 CFR 64.9(b), Compliance Assurance Monitoring)

5.B.14 For Emission Point AA-010, the permittee shall conduct annual (not to exceed 13 months from the previous one) performance tests using a portable analyzer for CO and O_2 in accordance with ASTM D6522-00, or as an option the permittee may use EPA Reference Methods 3A and 10 or another EPA approved equivalent, to demonstrate compliance with the permitted emission limitations for CO.

For the purpose of compliance demonstration, the permittee shall operate the source at its maximum capacity.

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

5.B.15 For Emission Point AA-010, within 180 days of replacement of the catalyst, the permittee must conduct a new performance test in accordance with Condition 5.B.14.

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

5.B.16 For Emission Point AA-011, the permittee shall conduct semiannual (not to exceed 7 months from the previous one) performance tests using a portable analyzer for CO and O_2 in accordance with ASTM D6522-00, or as an option the permittee may use EPA Reference Methods 3A and 10 or another approved equivalent, to demonstrate compliance with the CO reduction requirement.

For the purpose of compliance demonstration, the permittee shall operate the source at its maximum capacity.

When compliance is demonstrated for two consecutive tests, the testing frequency may be reduced to annually (not to exceed 13 months from the previous test). If the results of any annual performance test indicate non-compliance with the CO emission limitation, or the permittee deviates from any operating limitations, the permittee must resume semiannual testing.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2) and 40 CFR 63.6615, 63.6620, 63.6640 and Tables 3, 4, and 6, Subpart ZZZZ)

5.B.17 For Emission Point AA-011, the permittee shall install, operate, and maintain the continuous parameter monitoring systems (CPMS) used to monitor the catalyst inlet temperature in accordance with the following:

(a) The permittee shall prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in (1) through (5) below:

(1) The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations;

(2) Sampling interface (e.g., thermocouple) location such that the monitoring system will provide representative measurements;

(3) Equipment performance evaluations, system accuracy audits, or other audit procedures;

(4) Ongoing operation and maintenance procedures in accordance with provisions in 63.8(c)(1)(ii) and (c)(3); and

(5) Ongoing reporting and recordkeeping procedures in accordance with provisions in 63.10(c), (e)(1) and (e)(2)(i).

(b) The permittee shall install, operate, and maintain each CPMS in continuous operation according to the procedures in your site-specific monitoring plan.

(c) The CPMS must collect data at least once every 15 minutes.

(d) The temperature sensor must have a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger.

(e) The permittee must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in your site-specific monitoring plan at least annually.

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

5.B.18 For Emission Point AA-011, the permittee shall demonstrate continuous compliance with the CO percent reduction requirement referenced in Condition 3.B.14 for the engine in accordance with the following:

(a) Collect the catalyst inlet temperature data, reduce the data to 4-hour rolling averages, and maintain the 4-hour rolling averages within the operating limits for the catalyst inlet temperature.

(b) Measure the pressure drop across each catalyst once per month and demonstrate that the pressure drop across the catalyst is within the operating limitation established during the previous performance test.

The permittee shall monitor continuously at all times the engine is operating except for periods of monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities. Any data obtained during one of these periods shall not be used in any average or calculation used to demonstrate compliance.

(Ref.: 40 CFR 63.6635, 63.6640(a), and Table 6 of Item 10 of 40 CFR Part 63, Subpart ZZZZ)

5.B.19 For Emission Point AA-011, upon a change to the catalyst, the permittee must reestablish the value for the pressure differential operating parameter that was measured during the initial performance test. When the pressure differential value is reestablished, the permittee must also conduct a performance test to demonstrate that the permittee is meeting the emission limitation in Condition 3.B.14.

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

5.B.20 For Emission Point AA-013, the permittee shall monitor and keep records of the total sulfur content of the gaseous fuel combusted in the turbine. The permittee shall not be required to monitor the total sulfur content of the gaseous fuel combusted in the turbine if the gaseous fuel is demonstrated to meet the definition of natural gas in 40 CFR Part 60.331(u). The permittee shall use the following source of information to make the required demonstration:

(a) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(b) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to 40 CFR, Part 75 is required.

(Ref.: 40 CFR 60.334(h)(3), Subpart GG)

5.B.21 For Emission Points AA-014, AA-017, and AA-019, the permittee shall comply with the emission standards specified in Condition 3.B.22 by purchasing an engine certified according to procedures specified in 40 CFR Part 60, Subpart JJJJ, for the same model year and demonstrating compliance by operating and maintaining the certified engine and control device according to the manufacturer's emission-related written instructions. Records of conducted maintenance must be kept to demonstrate compliance, but no performance testing is required. The applicable requirements as specified in 40 CFR part

1068, subparts A through D, must also be met. If engine settings are adjusted according to and consistent with the manufacturer's instructions, the engine will not be considered out of compliance.

(Ref.: 40 CFR 60.4243(a)(1) and 60.4243(b)(1), Subpart JJJJ)

5.B.22 For Emission Points AA-014, AA-017, and AA-019 the permittee shall keep records of the following information:

(a) All notifications submitted to comply with Subpart JJJJ and all documentation supporting any notification;

(b) Maintenance conducted on the engine;

(c) Documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable; and

(d) Documentation that the engine meets the emission standards.

(e) If the emergency engine does not meet the standards applicable to non-emergency engines, the permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.

(Ref: 40 CFR 60.4245(a)(1)-(4) and (b), Subpart JJJJ)

5.B.23 For Emission Point AA-015, the permittee shall demonstrate continuous compliance with the applicable work practice standards by conducting a tune-up on the process heater in accordance with Condition 3.D.1.

(Ref.: 40 CFR 63.7540(a)(12), Subpart DDDDD)

5.B.24 For Emission Point AA-015, the permittee shall keep a copy each notification and report submitted to comply with Subpart DDDDD, including all documentation supporting the Notification of Compliance Status or a semiannual compliance report. These records shall be retained for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or record. The permittee is required to keep the records on site for a period of 2 years after the event and then they may be kept offsite for the remaining three years. All records must be readily available for review.

(Ref.: 40 CFR 63.7555(a)(1), 63.7560, Subpart DDDDD and 63.10(b)(2), Subpart A)

5.B.25 For Emission Point AA-018, the permittee shall conduct an initial performance test or any other initial compliance demonstrations in Table 4 of 40 CFR 63, Subpart YYYY within 180 calendar days after startup.

(Ref.: 40 CFR 63.6110(a) and Table 4 of 40 CFR 63, Subpart YYYY)

5.B.26 For Emission Point AA-018, the permittee shall conduct subsequent performance tests as specified in Table 3 of 40 CFR 63, Subpart YYYY.

(Ref.: 40 CFR 63.6115 and 40 CFR 63.6120, Table 3 of 40 CFR 63, Subpart YYYY)

5.B.27 For Emission Point AA-018, the permittee shall conduct all parametric monitoring at all times the stationary combustion turbine is operating. Data recorded during monitor malfunctions, associated repairs, and required quality assurance or quality control activities, including data averages and calculations, shall not be used. All data collected during other periods shall be used in assessing the performance of the control device or in assessing emissions from the new stationary combustion turbine.

(Ref.: 40 CFR 63.6130, Subpart YYYY)

5.B.28 For Emission Point AA-018, the permittee shall demonstrate continuous compliance with each emission and operating limitation in Tables 1 and 2 according to the methods specified in Table 5 of 40 CFR 63, Subpart YYYY.

(Ref.: 40 CFR 63.6140(a), Subpart YYYY)

5.B.29 For Emission Point AA-018, the permittee shall keep the records described below.

a) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

b) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

c) Records of all maintenance on the air pollution control equipment as required in 40 CFR 63.10(b)(2)(iii).

d) Records of the date, time, and duration of each startup period, recording the periods when the affected source was subject to the standard applicable to startup.

e) Record the number of deviations. For each deviation, record the date, time, cause, and duration of the deviation.

f) For each deviation, record and retain a list of the affected sources or equipment, an estimate of the quantity of each regulated pollutant emitted over any emission limit and a description of the method used to estimate the emissions.

g) Record actions taken to minimize emissions in accordance with 40 CFR 63.6105(c), and any corrective actions taken to return the affected unit to its normal or usual manner of operation.

(Ref.: 40 CFR 63.6155(a), Subpart YYYY)

5.B.30 For Emission Point AA-018, the permittee shall conduct an initial performance test according to 40 CFR 60.8 using the methods in 40 CFR 60.4400a, Subpart KKKKa.

(Ref.: 40 CFR 60.4333a(b), Subpart KKKKa)

5.B.31 For Emission Point AA-018, the permittee shall perform annual performance tests as follows:

(a) The permittee shall conduct subsequent performance tests within 12 calendar months of the date that the previous performance test was conducted, except as provided in (b) through (d) below

(b) If the NO_X emission result from the most recent performance test is less than or equal to 75 percent of the NO_X emissions standard for the stationary combustion turbine, the permittee may reduce the frequency of subsequent performance tests to 26 calendar months following the date the previous performance test was conducted. If the results of any subsequent performance test exceed 75 percent of the NO_X emissions standard for the stationary combustion turbine, the permittee shall resume 14-calendar-month performance testing.

(c) An affected facility that has not operated for the 60 calendar days prior to the due date of a performance test is not required to perform the subsequent performance test until 45 calendar days or 10 operating days, whichever is longer, after the next operating day. The MDEQ must be notified of recommencement of operation consistent with 40 CFR 60.4375a(d), Subpart KKKKa.

(d) If the permittee owns or operates an affected facility that has operated 168 operating hours or less, either in total or using a particular fuel, since the date on which the previous performance test was conducted, the permittee may request that the otherwise required performance test be postponed until the affected facility has operated more than 168 operating hours, either in total or using a particular fuel, since the date on which the previous performance test was conducted. A request for an extension must be addressed to the relevant air division or office director of the Region 4 Office of the U.S. EPA as identified in 40 CFR 60.4(a) for his or her approval and the MDEQ at least 30 calendar days prior to the date on which the

performance test is required to be conducted. If a postponement is approved, a performance test must be conducted within 45 calendar days after the day that the facility reaches 168 hours of operation since the date on which the previous performance test was conducted. When the facility has operated more than 168 operating hours since the date on which the previous performance test was conducted, the MDEQ must be notified consistent with Condition 5.C.16

(Ref.: 40 CFR 60.4333a(b), Subpart KKKKa)

5.B.32 For Emission Point AA-018, the permittee shall demonstrate compliance with the SO_2 emissions standard by submitting fuel records such as a current, valid purchase contract, tariff sheet, transportation contract, or results of a fuel analysis to satisfy the initial performance testing requirements of 40 CFR 60.8 and Condition 5.B.32 (40 CFR 60.4333a(d)(3)). Thereafter, the permittee shall maintain records (such as a current, valid purchase contract, tariff sheet, or transportation contract) documenting that total sulfur content for the initial and subsequent fuel combusted in your stationary combustion turbine at all times does not exceed applicable conditions specified in 40 CFR 60.4370a, Subpart KKKKa. the permittee shall demonstrate compliance with a SO2 emission standard according to Condition 5.B.32 (40 CFR 60.4333a(d)(3), Subpart KKKKa), by maintaining on-site records such as a current, valid purchase contract, tariff sheet, or transportation contract that documents the total sulfur content for the fuel does not exceed a potential SO2 emissions rate of 26 ng/J (0.060 lb/MMBtu) heat input or less.

(Ref.: 40 CFR 60.4333a(d)(3) and 60.4372a(a) through (b), Subpart KKKKa)

5.B.33 For Emission Point AA-018, the permittee shall demonstrate compliance with the NO_X emission standards by conducting performance tests according to requirements in 40 CFR 60.4400a, Subpart KKKKa.

(Ref.: 40 CFR 60.4340a(a), Subpart KKKKa)

5.B.34 For Emission Point AA-018, the permittee must maintain records of the information used to demonstrate compliance with Subpart KKKKa as specified in 40 CFR 60.7.

(Ref.: 40 CFR 60.4390a(a), Subpart KKKKa)

5.B.35 For Emission Point AA-000, the permittee shall repair each identified source of fugitive emissions in accordance with the following paragraphs:

(a) A first attempt at repair shall be made in accordance with paragraphs (a)(1) and (a)(2) of this condition.

(1) A first attempt at repair shall be made no later than 15 calendar days after detection of fugitive emissions that were identified using AVO.

(2) If the permittee is complying by using OGI or Method 21 of appendix A-7 to 40 CFR Part 60, a first attempt at repair shall be made no later than 30 calendar days after detection of the fugitive emissions.

(b) Repair shall be completed as soon as practicable, but no later than 15 calendar days after the first attempt at repair as required in paragraph (a)(1), and 30 calendar days after the first attempt at repair as required in paragraph (a)(2).

(c) Delay of repair will be allowed if the conditions in 40 CFR 60.5397b(h)(3)(i) or (ii) are met.

(d) Each identified source of fugitive emissions must be resurveyed to complete repair according to the requirements of 40 CFR 60.5397b(h)(4)(i) through (v), to ensure that there are no fugitive emissions.

(Ref.: 40 CFR 60.5397b(h), Subpart OOOOb)

5.B.36 For AA-000, The permittee shall maintain records as specified in (a) through (c).

(a) The date of startup.

(b) The fugitive emissions monitoring plan as required in Condition 3.B.33.

(c) The records of each monitoring survey as specified in paragraphs (c)(1) through (c)(9) of this condition

(1) Date of the survey.

(2) Beginning and end time of the survey.

(3) Name of operator(s), training, and experience of the operator(s) performing the survey.

(4) Monitoring instrument or method used.

(5) Fugitive emissions component identification when Method 21 of appendix A-7 to this part is used to perform the monitoring survey.

(6) Ambient temperature, sky conditions, and maximum wind speed at the time of the survey. For compressor stations, operating mode of each compressor (*i.e.*, operating, standby pressurized, and not operating-depressurized modes) at the station at the time of the survey.

(7) Any deviations from the monitoring plan or a statement that there were no deviations from the monitoring plan.

(8) Records of calibrations for the instrument used during the monitoring survey.

(9) Documentation of each fugitive emission detected during the monitoring survey, including the information specified in paragraphs (c)(9)(i) through (c)(9)(ix) of this condition.

(i) Location of each fugitive emission identified.

(ii) Type of fugitive emissions component, including designation as difficult-to-monitor or unsafe-to-monitor, if applicable.

(iii) If Method 21 of appendix A-7 to this part is used for detection, record the component ID and instrument reading.

(iv) For each repair that cannot be made during the monitoring survey when the fugitive emissions are initially found, a digital photograph or video must be taken of that component or the component must be tagged for identification purposes. The digital photograph must include the date that the photograph was taken and must clearly identify the component by location within the site (*e.g.*, the latitude and longitude of the component or by other descriptive landmarks visible in the picture). The digital photograph or identification (*e.g.*, tag) may be removed after the repair is completed, including verification of repair with the resurvey.

(v) The date of first attempt at repair of the fugitive emissions component(s).

(vi) The date of successful repair of the fugitive emissions component, including the resurvey to verify repair and instrument used for the resurvey.

(vii) Identification of each fugitive emission component placed on delay of repair and explanation for each delay of repair.

(viii) For each fugitive emission component placed on delay of repair for reason of replacement component unavailability, the operator must document: the date the component was added to the delay of repair list, the date the replacement fugitive component or part thereof was ordered, the anticipated component delivery date (including any estimated shipment or delivery date provided by the vendor), and the actual arrival date of the component.

(ix) Date of planned shutdowns that occur while there are any components that have been placed on delay of repair.

(Ref.: 40 CFR 60.5397b(k) and 60.5420b(c)(14)(i), (iv), and (v), Subpart OOOOb)

5.B.37 For Emission Point AA-000, to achieve initial compliance with the GHG and VOC standards for fugitive emissions components, the permittee must comply with paragraphs (a) through (e) of this condition.

(a) The permittee must develop a fugitive emissions monitoring plan as required in Condition 3.B.33

(b) The permittee must conduct an initial monitoring survey as required in Conditions 3.B.34 and 3.B.35.

(c) The permittee must repair each identified source of fugitive emissions for each affected facility as required in Condition 5.B.35.

(d) The permittee must submit the initial annual report for each fugitive emissions components affected facility as required in Conditions 5.C.21

(e) The permittee must maintain the records specified in Condition 5.B.38.

(Ref.: 40 CFR 60.5397b(i) and 60.5410b(k), Subpart OOOOb)

5.B.38 For Emission Point AA-000, the permittee must demonstrate continuous compliance with the requirements of Conditions 3.B.33 through 3.B.35, 5.B.35 and 5.B.36 according to paragraphs (a) through (d) of this condition.

(a) Periodic monitoring surveys must be conducted as required in Conditions 3.B.34 and 3.B.35.

(b) Each identified source of fugitive emissions must be repaired as required in Condition 5.B.35.

(c) Annual reports must be submitted for fugitive emissions components affected facilities as required in Conditions 5.C.21.

(d) Records must be maintained as specified in Condition 5.B.36.

(Ref.: 40 CFR 60.5397b(j) and 60.5415b(l), Subpart OOOOb)

5.B.39 For Emission Point AA-018, the permittee must conduct the first volumetric flow rate measurements from each compressor dry seal on or before 8,760 hours of operation after startup using the methods specified in 40 CFR 60.5380b(a)(7)(iii). The permittee must conduct subsequent volumetric flow rate measurements from each compressor dry seal on or before 8,760 hours of operation after the previous measurement which demonstrates compliance with the applicable volumetric flow rate of 10 scfm per seal (or a combined

volumetric flow rate not to exceed the sum of the individual seals multiplied by 10 scfm).

(Ref.: 40 CFR 60.5380b(a)(6)(ii) and (iii), Subpart OOOOb)

5.B.40 For Emission Point AA-018, if the volumetric flow measurement determined according to Condition 5.B.39 exceeds 10 scfm multiplied by the number of dry seals connected to the vent, the dry seals connected to the measured vent must be repaired within 90 calendar days after the date of the volumetric emissions measurement. The permittee must conduct follow-up volumetric flow rate measurements from seal vents using the methods specified in 40 CFR 60.5380b(a)(7)(iii) within 15 days after the repair to document that the rate has been reduced to less than the sum of the individual seals multiplied by 10 scfm. Delay of repair will be allowed if the conditions in paragraph (a) or (b) of this condition are met.

(a) If the repair of the dry seal is technically infeasible, would require a vent blowdown, a compressor station shutdown, or would be unsafe to repair during operation of the unit, the repair must be completed during the next scheduled compressor station shutdown for maintenance, after a scheduled vent blowdown, or within two (2) years of the date of the volumetric emissions measurement that exceeds the applicable required flow rate per seal, whichever is earliest. A vent blowdown is the opening of one or more blowdown valves to depressurize major production and processing equipment, other than a storage vessel.

(b) If the repair requires replacement of the compressor seal or a part thereof, but the replacement cannot be acquired and installed within the repair timelines specified in this condition due to the circumstances specified in paragraph (b)(1) of this condition, the repair must be completed in accordance with paragraph (b)(2) of this condition and documented in accordance with Condition 5.B.43.

(1) Seal or seal parts had been sufficiently stocked but are depleted at the time of the required repair.

(2) The required replacement must be ordered no later than 10 calendar days after the centrifugal compressor seal is added to the delay of repair list due to parts unavailability. The repair must be completed as soon as practicable, but no later than 30 calendar days after receipt of the replacement seal or part, unless the repair requires a compressor station shutdown. If the repair requires a compressor station shutdown, the repair must be completed in accordance with the timeframe specified in paragraph (a) of this condition.

(Ref.: 40 CFR 60.5380b(a)(7)(iii) and (a)(8), Subpart OOOOb)

5.B.41 For Emission Point AA-018, the permittee must demonstrate initial compliance with the standards in Condition 3.B.32 by complying with paragraphs (a) through (c) of this condition.

(a) The permittee must maintain volumetric flow rate at or below 10 scfm per seal and must conduct the initial annual volumetric flow rate measurement as required by Condition 5.B.40.

(b) The permittee must submit the initial annual report required by Conditions 5.C.21

(c) The permittee must maintain the records specified in Condition 5.B.43.

(Ref.: 40 CFR 60.5380b(b) and 60.5410b(d)(6), (7), and (8), Subpart OOOOb)

5.B.42 For Emission Point AA-018, the permittee must demonstrate continuous compliance with the standards in Condition 3.B.32 for each centrifugal compressor by complying with the paragraphs (a) through (c) of this condition.

(a) The permittee must maintain the volumetric flow rate at or below the flow rate specified in Condition 3.B.32 and must conduct the required volumetric flow rate measurement of each compressor seal vent in accordance with Condition 5.B.40 on or before 8,760 hours of operation after the last volumetric flow rate measurement which demonstrated compliance with the applicable volumetric flow rate.

(b) The permittee must submit the annual reports as required in Conditions 5.C.21

(c) The permittee must maintain records as required in Condition 5.B.43.

(Ref.: 40 CFR 60.5380b(c) and 60.5415b(d)(2)-(4), Subpart OOOOb)

5.B.43 Emission Point AA-018, the permittee must maintain the following records for each centrifugal compressor:

(a) Records of deviations in cases where the centrifugal compressor was not operated in compliance with the requirements specified in Conditions 5.B.39 and 5.B.40, including a description of each deviation, the date and time each deviation began, and the duration of each deviation in hours.

(b) Records of the cumulative number of hours of operation since initial startup, or since the previous volumetric flow rate measurement, as applicable.

(c) A description of the method used and the results of the volumetric flow rate measurement or emissions screening, as applicable.

(d) Records for all flow meters, composition analyzers and pressure gauges used to measure volumetric flow rates as specified in paragraphs (d)(1) through (6) of this condition.

(1) Description of standard method published by a consensus-based standards

organization or industry standard practice.

(2) Records of volumetric flow rate calculations conducted according to Condition 5.B.39, as applicable.

(3) Records of manufacturer operating procedures and measurement methods.

(4) Records of manufacturer's recommended procedures or an appropriate industry consensus standard method for calibration and results of calibration, recalibration, and accuracy checks.

(5) Records which demonstrate that measurements at the remote location(s) can, when appropriate correction factors are applied, reliably and accurately represent the actual temperature or total pressure at the flow meter under all expected ambient conditions. The permittee must include the date of the demonstration, the data from the demonstration, the mathematical correlation(s) between the remote readings and actual flow meter conditions derived from the data, and any supporting engineering calculations. If adjustments were made to the mathematical relationships, a record and description of such adjustments.

(6) Record of each initial calibration or a recalibration which failed to meet the required accuracy specification and the date of the successful recalibration.

(e) Date when performance-based volumetric flow rate is exceeded.

(f) The date of successful repair of the compressor seal, including follow-up performance-based volumetric flow rate measurement to confirm successful repair.

(g) Identification of each compressor seal placed on delay of repair and explanation for each delay of repair.

(h) For each compressor seal or part needed for repair that is placed on delay of repair because of replacement seal or part unavailability, the permittee must document: the date the seal or part was added to the delay of repair list, the date the replacement seal or part was ordered, the anticipated seal or part delivery date (including any estimated shipment or delivery date provided by the vendor), and the actual arrival date of the seal or part.

(i) Date of planned shutdowns that occur while there are any reciprocating compressors that have been placed on delay of repair due to the unavailability of rod packing or parts to conduct repairs.

(Ref: 40 CFR 60.5380b(d) and 60.5420b(c)(4), Subpart OOOOb)

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Reporting Requirement
AA-003 through AA-014, AA-017, and AA-019	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.C.1	Fuel	Submit reports of fuel usage
AA-003 through AA-008, AA-010, AA-011	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.C.2	Test Results	Submit stack test protocols, notifications, and reports
AA-003, AA-009, AA-014, AA-017, and AA-019	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.C.3	Hours	Submit reports of operating hours
AA-010 and AA-011	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)	5.C.4	Hours	Submit reports of CAM Plan excursions
AA-010 and AA-011	40 CFR 64.7(e), Compliance Assurance Monitoring	5.C.5	Deviations	CAM compliance
AA-011	40 CFR 63.6650, and Table 7 of 40 CFR Part 63, Subpart ZZZZ	5.C.6	Deviations	Submit reports of excursions
AA-015	40 CFR 63.7550(a),(b), and (c)(5)(i)-(iii),(xiv), and (xvii), and Table 9 of 40 CFR Part 63, Subpart DDDDD	5.C.7	HAP	Submit compliance reports
AA-018	40 CFR 63.6140(b), Subpart YYYY	5.C.8	Formaldehyde	Reporting Requirement
	40 CFR 63.6150(a), Subpart YYYY	5.C.9	Formaldehyde	Submit compliance reports
	40 CFR 63.6150(b), Subpart YYYY	5.C.10	Formaldehyde	Semiannual Reporting
	40 CFR 63.6150(f), Subpart YYYY	5.C.11	Formaldehyde	Performance test reporting
	40 CFR 63.6150(g), Subpart YYYY	5.C.12	Formaldehyde	CEDRI Reporting
	40 CFR 63.6150(h), Subpart YYYY	5.C.13	Formaldehyde	EPA system outage, if required
	40 CFR 60.4375a(e), Subpart KKKKa	5.C.14	NO_X	Reporting
	40 CFR 60.4375a(a), Subpart KKKKa	5.C.15	NO_X	Excess Emissions
	40 CFR 60.4375a(c) and (d), Subpart KKKKa)	5.C.16	NO_X	168 hour notification, if required
	40 CFR 60.4375a(f), Subpart KKKKa	5.C.17	NO_X	Semiannual reports
	40 CFR 60.4375a(g), Subpart KKKKa)	5.C.18	NO_X	CBI, if required
	40 CFR 60.4375a(h), Subpart KKKKa	5.C.19	NO_X	EPA system outage, if required
	11 Miss. Admin. Code Pt. 2, R.2.2.B(11). and 40 CFR 60.4375a(b), Subpart KKKKa	5.C.20	NO_X	Notification
AA-018 and AA-000	40 CFR 60.5420b(b), Subpart OOOOb	5.C.21	GHG and VOC	Annual reporting requirement
	40 CFR 60.5420b(d), Subpart OOOOb	5.C.22	GHG and VOC	Electronic Reporting
	40 CFR 60.5420b(e), Subpart OOOOb	5.C.23	GHG and VOC	EPA System Outage, if required

5.C.1 For Emission Points AA-003 through AA-014, AA-017, and AA-019, the permittee shall submit fuel usage reports summarizing the type of fuel and the quantity of fuel used in accordance with Condition 5.A.4.

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

5.C.2 For Emission Points AA-003 through AA-008, AA-010, and AA-011, The permittee shall submit a test protocol at least thirty (30) days prior to the scheduled test date to ensure that all test methods and procedures are acceptable to the DEQ. The DEQ must be notified at least ten (10) days prior to the scheduled test date so that an observer may be scheduled to witness the test(s).

The permittee shall submit written reports of all required performance stack testing results within sixty (60) days of the date the performance stack test is performed and all portable analyzer results within thirty (30) days of the date the portable analyzer test is performed.

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

5.C.3 For Emission Points AA-009, AA-014, AA-017, and AA-019 the permittee shall submit the records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter in accordance with Condition 5.A.4.

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

5.C.4 For Emission Points AA-010 and AA-011, the permittee shall submit reports in accordance with Condition 5.A.4 of the following information, as applicable:

(a) Summary information on the number, duration, and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;

(b) Summary information on the number, duration, and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and

(c) A description of the actions taken to implement a QIP during the reporting period as specified in Condition 5.B.5. Upon completion of a QIP, the permittee shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances.

(Ref.: 40 CFR 64.9(a), Compliance Assurance Monitoring)

5.C.5 For Emission Points AA-010 and AA-011, if the permittee identifies a failure to achieve compliance with the emission limitation or standard for which the approved CAM

monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the permittee shall promptly notify the permitting authority and, if necessary, submit a proposed modification to the permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or monitoring additional parameters.

(Ref.: 40 CFR 64.7(e), Compliance Assurance Monitoring)

5.C.6 For Emission Point AA-011, the permittee shall submit semiannual compliance reports in accordance with Condition 5.A.4 that contains the following information:

(a) The Compliance report shall contain:

(1) Company name and address.

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

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

(4) If a malfunction occurred during the reporting period, the compliance report shall 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 shall also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.6605(b), including actions taken to correct a malfunction.

(b) If there are no deviations from any applicable emission limitations or operating limitations, submit a statement that there were no deviations from the emission limitations or operating limitations during the reporting period. If there were no periods during which the CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), submit a statement that there were no periods during which the CPMS was out-of-control during the reporting period.

(c) For each deviation from an emission or operating limitation that occurs where you are not using a CPMS to comply with the emission or operating limitations in this subpart, the Compliance report shall contain the following information:

(1) The total operating time of the engine at which the deviation occurred during the reporting period.

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

(d) For each deviation from an emission or operating limitation occurring for an engine where a CPMS is used to comply with the emission and operating limitations in Subpart ZZZZ, the permittee shall include the information in Condition 5.C.5(a) and the following information:

(1) The date and time that each malfunction started and stopped.

(2) The date, time, and duration that each CPMS was inoperative, except for zero (low-level) and high-level checks.

(3) The date, time, and duration that each CPMS was out-of-control, including the information in 40 CFR 63.8(c)(8).

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

(5) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.

(6) A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.

(7) A summary of the total duration of CPMS downtime during the reporting period, and the total duration of CPMS downtime as a percent of the total operating time of the engine at which the CPMS downtime occurred during that reporting period.

(8) An identification of each parameter and pollutant (CO or formaldehyde) that was monitored at the engine.

(9) A brief description of the engine.

(10) A brief description of the CPMS.

(11) The date of the latest CPMS certification or audit.

(12) A description of any changes in CPMS, processes, or controls since the last reporting period.

(e) All deviations as defined in 40 CFR 63, Subpart ZZZZ shall be reported in accordance with Condition 5.A.4. If the permittee submits a Compliance report pursuant to Table 7 of 40 CFR 63, Subpart ZZZZ, along with, or as part of, the semiannual monitoring report required by Condition 5.A.4, and the Compliance report includes all required information concerning deviations from any emission or operating limitation in Subpart ZZZZ, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the Permittee may have to report deviations from permit requirements to DEQ.

(Ref.:40 CFR 63.6650(a), (b)(5),(8), and (9), (c)(1) through (6), (d), (e)(1) through (12),(f) and Table 7 of Subpart ZZZZ))

5.C.7 For Emission Point AA-015, the permittee shall submit the information listed in (a) through (e) in accordance with the next required report per Condition 5.A.4 once the tune-ups required in Condition 3.D.1 have been completed. This information must be submitted for each process heater:

(a) Company and Facility name and address

(b) Process unit information

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

(d) The date of the most recent tune-up. Include the date of the most recent burner inspection, if it was not done on a 5-year period and was delayed until the next scheduled or unscheduled shutdown.

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

(Ref.: 40 CFR 63.7550(a), (b), and (c)(5)(i)-(iii),(xiv), and (xvii) and Table 9 of 40 CFR 63, Subpart DDDDD))

5.C.8 For Emission Point AA-018, the permittee shall report each instance in which the permittee did not meet each emission or operating limitation. The permittee shall also report each instance in which the requirements of 40 CFR 63, Table 7 were not met according to the requirements of 40 CFR 63.6150.

(Ref.: 40 CFR 63.6140(b), Subpart YYYY).

5.C.9 For Emission Point AA-018, the permittee must submit a semiannual compliance report in accordance with Condition 5.A.4 that contains the information below. The report shall be submitted to the EPA following the procedure in Conditions 5.C.11 and 5.C.12.

(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) Report each deviation in the semiannual compliance report. Report the information below.

i. Report the number of deviations. For each instance, report the start date, start time, duration, and cause of each deviation, and the corrective action taken.

ii. For each deviation, the report must include a list of the affected sources or equipment, an estimate of the quantity of each regulated pollutant emitted over any emission limit, a description of the method used to estimate the emissions.

iii. Information on the number, duration, and cause for monitor downtime incidents (including unknown cause, if applicable, other than downtime associated with zero and span and other daily calibration checks), as applicable, and the corrective action taken.

iv. Report the total operating time of the affected source during the reporting period

(Ref.: 40 CFR 63.6150(a), Subpart YYYY)

5.C.10 For Emission Point AA-018, the permittee shall submit semiannual compliance reports in accordance with Condition 5.A.4 as provided below.

(a) The first semiannual compliance report must cover the period beginning on the compliance date specified in 40 CFR 63.6095 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date specified in 40 CFR 63.6095.

(b) The first semiannual compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified in 40 CFR 63.6095.

(c) Each subsequent semiannual compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

(d) Each subsequent semiannual compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

(Ref.: 40 CFR 63.6150(b), Subpart YYYY)

5.C.11 For Emission Point AA-018, the permittee shall submit the results of the performance test following the procedures below within 60 days of completing each performance test.

(a) Data collected using test methods supported by the EPA's Electronic Reporting Tool (ERT) as listed on the EPA's ERT website (***https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert***) at the time of the test. Submit the results of the performance test to the EPA via the CEDRI, which can be accessed through the EPA's Central Data Exchange (CDX) (*https://cdx.epa.gov/*). The data must be submitted in a file format generated through the use of the EPA's ERT. Alternatively, you may submit an electronic file consistent with the extensible markup language (XML) schema listed on the EPA's ERT website.

(b) ***Data collected using test methods that are not supported by the EPA's ERT as listed on the EPA's ERT website at the time of the test.*** The results of the performance test must be included as an attachment in the ERT or an alternate electronic file consistent with the XML schema listed on the EPA's ERT website. Submit the ERT generated package or alternative file to the EPA via CEDRI.

(c) ***Confidential business information (CBI).*** If you claim some of the information submitted is CBI, you must submit a complete file, including information claimed to be CBI, to the EPA. The file must be generated through the use of the EPA's ERT or an alternate electronic file consistent with the XML schema listed on the EPA's ERT website. Submit the file on a compact disc, flash drive, or other commonly used electronic storage medium and clearly mark the medium as CBI. Mail the electronic medium to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted must be submitted to the EPA via the EPA's CDX as described in paragraph (f)(1) of this section.

(Ref.: 40 CFR 63.6150(f), Subpart YYYY)

5.C.12 For Emission Point AA-018, the permittee shall submit reports to the EPA via CEDRI, which can be accessed through the EPA's CDX (https://cdx.epa.gov/). You shall use the appropriate electronic report template on the CEDRI website (https://www.epa.gov/electronic-reporting-air-emissions/compliance-and-emissions-data-reporting-interface-cedri) for this subpart. The date report templates become available will be listed on the CEDRI website. The report shall be submitted by the deadline specified in 40 CFR 63, Subpart YYYY, regardless of the method in which the report is submitted. If you claim some of the information required to be submitted via CEDRI is CBI, submit a complete report, including information claimed to be CBI, to the

EPA. The report must be generated using the appropriate form on the CEDRI website. Submit the file on a compact disc, flash drive, or other commonly used electronic storage medium and clearly mark the medium as CBI. Mail the electronic medium to U.S. EPA/OAQPS/CORE CBI Office, Attention: Group Leader, Measurement Policy Group, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted must be submitted to the EPA via the EPA's CDX as described earlier in this paragraph.

(Ref.: 40 CFR 63.6150(g), Subpart YYYY)

5.C.13 For Emission Point AA-018, if the permittee is required to electronically submit a report through CEDRI in the EPA's CDX, you may assert a claim of EPA system outage for failure to timely comply with the reporting requirement. To assert a claim of EPA system outage, you must meet the requirements outlined below.

(a) You must have been or will be precluded from accessing CEDRI and submitting a required report within the time prescribed due to an outage of either the EPA's CEDRI or CDX systems.

(b) The outage must have occurred within the period of time beginning five business days prior to the date that the submission is due.

(c) The outage may be planned or unplanned.

(d) You must submit notification to the EPA in writing as soon as possible following the date you first knew, or through due diligence should have known, that the event may cause or has caused a delay in reporting.

(e) You must provide to the MDEQ a written description identifying:

(i) The date(s) and time(s) when CDX or CEDRI was accessed and the system was unavailable;

(ii) A rationale for attributing the delay in reporting beyond the regulatory deadline to EPA system outage;

(iii) Measures taken or to be taken to minimize the delay in reporting; and

(iv) The date by which you propose to report, or if you have already met the reporting requirement at the time of the notification, the date you reported.

(f) The decision to accept the claim of EPA system outage and allow an extension to the reporting deadline is solely within the discretion of the MDEQ.

(g) In any circumstance, the report must be submitted electronically as soon as

possible after the outage is resolved.

(Ref.: 40 CFR 63.6150(h), Subpart YYYY)

5.C.14 For Emission Points AA-000 and AA-018, the permittee must submit an initial annual report no later than 90 days after the end of the initial compliance period. Subsequent annual reports shall be submitted by January 31st, according to Condition 5.A.4. The general information specified in paragraphs (a) through (d) of this condition is required for all reports.

(a) The company name, facility site name associated with the affected facility, and address of the affected facility.

(b) An identification of each affected facility being included in the annual report.

(c) Beginning and ending dates of the reporting period.

(d) A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. If a report is submitted via CEDRI, the certifier's electronic signature during the submission process replaces the requirement in this permit condition.

In addition to submittal of this report to DEQ, the permittee shall submit the reports to EPA via CEDRI according to the applicable requirements of 40 CFR 60.5420b(d)-(f).

(Ref: 40 CFR 60.5385b(g), 60.5420b(b)(1), and 60.5420b(d)-(f), Subpart OOOOb)

5.C.15 For Emission Point AA-000, the permittee shall include the information in paragraphs (a) and (b) of this condition in the annual reports submitted according to Condition 5.C.6.

(a) Designation of the type of site (*i.e.*, compressor station) at which the fugitive emissions components affected facility is located.

(b) For each fugitive emissions monitoring survey performed during the annual reporting period, the information specified in paragraphs (b)(1) through (7) of this condition.

(1) Date of the survey.

(2) Monitoring instrument or, if the survey was conducted by AVO methods, notation that AVO was used.

(3) Any deviations from the monitoring plan elements under Condition 3.B.33 or a statement that there were no deviations from these elements of the monitoring plan.

(4) Number and type of components for which fugitive emissions were detected.

(5) Number and type of fugitive emissions components that were not repaired as required by Condition 5.B.35.

(6) Number and type of fugitive emission components (including designation as difficult-to-monitor or unsafe-to-monitor, if applicable) on delay of repair and explanation for each delay of repair.

(7) Date of planned shutdown(s) that occurred during the reporting period if there are any components that have been placed on delay of repair.

(Ref.: 40 CFR 60.5397b(k) and 60.5420b(b)(9), Subpart OOOOb)

5.C.16 For Emission Point AA-018, the permittee shall include the information in paragraphs (a) through (e) of this condition in the annual reports submitted according to Condition 5.B.43.

(a) An identification of each centrifugal compressor constructed during the reporting period.

(b) If applicable, for each deviation that occurred during the reporting period and recorded as specified in paragraph Condition 5.B.18, the date and time the deviation began, duration of the deviation in hours and a description of the deviation. If no deviations occurred during the reporting period, the permittee must include a statement that no deviations occurred during the reporting period.

(c) The cumulative number of hours of operation since initial startup or since the previous volumetric flow rate measurement, as applicable, which have elapsed prior to conducting the volumetric flow rate measurement or emissions screening.

(d) A description of the method used and the results of the volumetric flow rate measurement or emissions screening, as applicable.

(e) Number and type of seals on delay of repair and explanation for each delay of repair.

(f) Date of planned shutdown(s) that occurred during the reporting period if there are any rod packing replacements/repairs that have been placed on delay of repair.

(Ref: 40 CFR 60.5380b(d) and 60.5420b(b)(5), Subpart OOOOb)

5.C.17 For Emission Point AA-018, the permittee must submit the reports in paragraphs (a) through (d) of this condition.

(a) The notification requirements of 40 CFR 60.8 applicable to the initial and subsequent performance tests.

(b) When complying with Condition 5.B.31(c), notification to the DEQ within 15 calendar days after the facility recommences operation.

(c) When complying with Condition 5.B.31(d), notification to the DEQ within 15 calendar days after the facility has operated more than 168 operating hours since the date the previous performance test was required to be conducted.

(d) Within 60 days after the date of completing each performance test, the permittee must submit the results in EPA's Compliance and Emissions Data Reporting Interface (CEDRI) as specified in 40 CFR 60.4375a(e) through (j), in addition to submitting the test results to the DEQ.

(Ref.: 40 CFR 60.4375a, Subpart KKKKa)

5.C.18 For Emission Point AA-018, the permittee shall submit a written test protocol at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the DEQ. Also, the permittee shall notify the DEQ in writing at least ten (10) days prior to the test so that an observer may be afforded the opportunity to witness the test.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2) and 40 CFR 60.4375a(b), Subpart KKKKa)

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 containing class I, class II or non-exempt substitute refrigerants;

(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

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
lb/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
$PM_{2.5}$	Particulate Matter less than 2.5 μm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOHAP	Volatile Organic Hazardous Air Pollutant
VOC	Volatile Organic Compound

APPENDIX B

LIST OF REGULATIONS REFERENCED IN PERMIT

The full text of the regulations referenced in this permit may be found on-line at http://www.deq.state.us.us and http://ecfr.gpoaccess.gov, or the Mississippi Department of Environmental Quality (MDEQ) will provide a copy upon request. A list of regulations referenced in this permit is shown below:

11 Miss. Admin. Code Pt. 2, Ch. 1, Mississippi Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Amended December 14, 2011)

11 Miss. Admin. Code Pt. 2, Ch. 6, Mississippi Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Air Emissions Operating Permit Regulations for the Purpose of Title V of the Federal Clean Air Act (Amended December 14, 2011)

40 CFR Part 82 - Title VI of the Clean Air Act (Stratospheric Ozone Protection)

40 CFR Part 60, Subpart A – General Provisions

40 CFR Part 60, Subpart GG – New Source Standards of Performance for Stationary Gas Turbines

40 CFR 60, Subpart KKKKa – New Source Performance Standards for Stationary Combustion Turbines

40 CFR 60, Subpart JJJJ – New Source Performance Standards for Stationary Spark Ignition Internal Combustion Engines

40 CFR 60, Subpart OOOOb -- Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification, or Reconstruction Commenced After December 6, 2022

40 CFR Part 63, Subpart A – General Provisions

40 CFR 63, Subpart YYYY -- National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines

40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

40 CFR Part 63, Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters

APPENDIX C

COMPLIANCE ASSURANCE MONITORING PLAN