STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Transcontinental Gas Pipe Line Company LLC, Station 77
Highway 535 North
Seminary, Mississippi
Covington 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: January 27, 2021

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

Krystal Rudolph

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: December 31, 2025 **Permit No.: 0640-00005**

2870 PER20170003

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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 provision with respect to emergencies:

(a) Except as otherwise specified herein, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

(b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.

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

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

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

(3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

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

(d) In any enforcement proceeding, the permittee seeking to establish the occurrence

of an emergency has the burden of proof.

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

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

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

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

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

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

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

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

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

(v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.

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

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

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

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

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

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

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

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

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

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

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	2100 hp (18 MMBTU/hr) Natural Gas Fired 2-Stroke Lean Burn Spark Ignition (SI) Compressor Engine – Manufactured in June 1970
AA-002	3400 hp (28.50 MMBTU/hr) Natural Gas Fired 2-Stroke Lean Burn Spark Ignition (SI) Compressor Engine – Manufactured in October 1972
AA-003	5500 hp (46.10 MMBTU/hr) Natural Gas Fired 2-Stroke Lean Burn Spark Ignition (SI) Compressor Engine – Manufactured in October 1972
AA-004	585 hp (6.80 MMBTU/hr) Natural Gas Fired 4-Stroke Rich Burn Spark Ignition (SI) Emergency Generator Engine – Manufactured in June 1970
AA-005	8 MMBTU/hr Natural Gas Fired Water Bath Heater
AA-007	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
AA-008	2.75 MMBTU/hr Natural Gas Fired Glycol Dehydration Reboiler, with emissions controlled by a Vapor Recovery Unit
AA-009	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
AA-010	2.75 MMBTU/hr Natural Gas Fired Glycol Dehydration Reboiler, with emissions controlled by a Vapor Recovery Unit
AA-012	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
AA-013	2.75 MMBTU/hr Natural Gas Fired Glycol Dehydration Reboiler, with emissions controlled by a Vapor Recovery Unit
AA-014	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
AA-015	2.75 MMBTU/hr Natural Gas Fired Glycol Dehydration Reboiler, with emissions controlled by a Vapor Recovery Unit
AA-016	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
	5.25 MMBTU/hr Natural Gas Fired Water Bath Heater
AA-017	2.75 MMBTU/hr Natural Gas Fired Glycol Dehydration Reboiler, with emissions controlled by a Vapor Recovery Unit

Emission Point	Description
AA-021	4735 hp (36.40 MMBTU/hr) Natural Gas Fired 4-Stroke Lean Burn Spark Ignition (SI) Compressor Engine with emissions routed to Oxidation Catalyst – Manufactured in October 2009
AA-022	Pneumatically Driven Starter for Emission Point AA-021
AA-023	Pneumatically Driven Starter for Emission Point AA-021
AA-024	Up to Eight (8) Recovered Natural Gas Flares With Each Flare Not to Exceed 10 MMscf/day of natural gas flared
AA-025	Minor Facility-Wide Natural Gas Venting
AA-026	100 hp (1 MMBTU/hr) Natural Gas Fired 4-Stroke Rich Burn Spark Ignition (SI) Emergency Air Compressor Engine—Manufactured in 1971

SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

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

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

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

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

3.A.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Condition 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets.

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

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-001 AA-002 AA-003 AA-021 AA-024	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b).	3.B.1	PM (filterable only)	$E = 0.8808*I^{-0.1667}$
AA-004 AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017	11 Miss Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.B.2	PM (filterable only)	0.6 lb/MMBTU
AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.B.3	SO_2	4.8 lb/MMBTU
AA-008 AA-010 AA-013 AA-015 AA-017	11 Miss. Admin Code Pt. 2, R. 2.2B(10)., as established in the Title V Operating Permit issued June 21, 2002	3.B.4	Benzene	Operation of the Vapor Recovery System
AA-001 AA-002 AA-003 AA-004 AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017 AA-021 AA-026	11 Miss. Admin. Code Pt. 2, R. 2.2B(10)., as established in the Title V Operating Permit issued June 21, 2002	3.B.5	Fuel Restriction	Pipeline Natural Gas Only

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-021	11 Miss. Admin. Code Pt. 2, R. 2.2B(10)., as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021	3.B.6	CO	0.260 g/hp-hr (BACT Limit), not to exceed 2.71 lbs/hr and 11.89 tpy,
		3.B.7	NOx	0.5 g/hp-hr (BACT Limit), not to exceed 5.21 lbs/hr and 22.84 tpy,
		3.B.8	VOC	0.211 g/hp-hr (BACT Limit), not to exceed 2.21 lbs/hr and 9.67 tpy
		3.B.9	PM/PM_{10}	1.59 tpy
	11 Miss. Admin. Code Pt. 2, R. 2.2B(10)., as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021, and 40 CFR 63.6640(d), Subpart ZZZZ	3.B.10	Operational Restriction	Only operate when emissions controlled by oxidation catalyst except for the first 200 hours of operation for a rebuilt engine
	40 CFR 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition (SI) Internal Combustion Engines 40 CFR 60.4230(a)(4)	3.B.11	NOx CO VOC	Applicability
	40 CFR 60.4233(e) and Table 1, Subpart JJJJ	3.B.12		Comply with emission limits in Table 1 by meeting the BACT limits in Conditions 3.B.6, 3.B.7, and 3.B.8.
	40 CFR 60.4234, Subpart JJJJ	3.B.13		Comply over the life of the engine
AA-024	11 Miss. Admin. Code, Pt. 2, R. 2.2.B(10). as established in Title V Permit issued June 14, 2007, and modified October 5, 2009, and Title V Permit issued July 18, 2013	3.B.14	Operational Restriction	Flare rate shall not exceed 342 MMSCF/yr of recovered natural gas and flare gas with a minimum high heat value of at least 300 BTU/scf
AA-024	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.B.15	Control Efficiency	Flare Operating Requirements
AA-024 AA-025	11 Miss. Admin. Code Pt. 2, R. 1.4.B(2).	3.B.16	H_2S	$\leq$ 1 gr/100 scf
AA-008 AA-010 AA-013 AA-015 AA-017	40 CFR 63, Subpart HHH -- National Emission Standard for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities 40 CFR 63.1270(a)(1), (a)(4), and (b)(2)	3.B.17	HAP	Applicability

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
	40 CFR 63.1274(a) and Table 2, Subpart HHH	3.B.18		General Provisions Applicability
	40 CFR 63.1274(c)(1), Subpart HHH	3.B.19		Control Requirements for Glycol Dehydration Unit Process Vents in 40 CFR 63.1275
	40 CFR 63.1274(h), Subpart HHH	3.B.20		Comply at all times
	40 CFR 63.1275(a), (b)(1)(iii), (b)(2), and (c)(1), Subpart HHH	3.B.21		Glycol Dehydration Unit Process Vent Standards
AA-001 AA-002 AA-003 AA-004 AA-021 AA-026	40 CFR 63, Subpart ZZZZ -- National Emission Standard for Hazardous Air Pollutants from Reciprocating Internal Combustion Engines 40 CFR 63.6580, 63.6585(a) and (b), 63.6590(a)(1) and (2), 63.6590(b)(1)(i), 63.6590(b)(3)(i), (ii), and (iii), 63.6600(c), and 63.6590(c)(3),	3.B.22	HAP	Applicability
AA-021	40 CFR 63.6600(b), and Item 2 in Table 2a, Subpart ZZZZ	3.B.23		(a) Reduced CO emissions by 93% or more (b) Limit concentration of formaldehyde exhaust to 14 ppmvd or less at 15% O_2
	40 CFR 63.6600(b), and Item 1 in Table 2b, Subpart ZZZZ	3.B.24		(a) Maintain catalyst so that the pressure drop does not change by more than 2 inches of water at 100% load or minus 10% from the pressure drop across the catalyst that was measured during the initial performance test (b) Maintain the temperature of the exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.
AA-021 AA-026	40 CFR 63.6605, Subpart ZZZZ	3.B.25	HAP	Minimizing emissions
AA-004	11 Miss. Admin. Code Pt. 2,R. 2.2.B(10).	3.B.26		Install non-resettable hour meter
AA-026	40 CFR 63.6625(f), Subpart ZZZZ			

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-004	11 Miss. Admin. Code Pt. 2,R. 2.2.B(10).	3.B.27		Operating requirements
AA-026	40 CFR 63.6640(f), Subpart ZZZZ			
AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017	40 CFR 63, Subpart DDDDD – National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters 40 CFR 63.7480, 63.7485, 63.7490(a)(1) and (d), 63.7499(l), and 63.7500(e)	3.B.28	HAP	Applicability
	40 CFR 63.7500(a)(1) and (3), (e), and (f), and 63.7505(a), Subpart DDDDD	3.B.29		Operating requirement

3.B.1 For Emission Points AA-001, AA-002, AA-003, AA-021, and AA-024, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations shall not exceed an emission rate 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)(a).)

3.B.2 For Emission Points AA-004, AA-005, AA-007, AA-008, AA-009, AA-010, AA-012 AA-013, AA-014, AA-015, AA-016, and AA-017, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations shall not exceed 0.6 lbs/MMBTU.

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

3.B.3 For Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017, 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 lbs/MMBTU (measured as sulfur dioxide).

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

3.B.4 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall operate the associated vapor recovery units (VRU) including the routing of all uncondensed vapors from the dehydrator vent gas stream to the reboiler firebox.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Title V Operating Permit issued June 21, 2002)

3.B.5 For Emission Points AA-001, AA-002, AA-003, AA-004, AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, AA-017, AA-021, and AA-026, the permittee shall burn only pipeline quality natural gas.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Title V Operating Permit issued June 21, 2002)

3.B.6 For Emission Point AA-021, Carbon Monoxide (CO) emissions shall not exceed 0.260 g/hp-hr (BACT Limit), not to exceed 2.71 lbs/hr and 11.89 tons/year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the PSD Construction Permit issued May 28, 2009, and modified XXXX)

3.B.7 For Emission Point AA-021, Nitrogen Oxides (NOx) emissions shall not exceed 0.5 g/hp-hr (BACT Limit), not to exceed 5.21 lbs/hr and 22.84 tons/year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021)

3.B.8 For Emission Point AA-021, Volatile Organic Compound (VOC) emissions shall not exceed 0.211 g/hp-hr (BACT Limit), not to exceed 2.21 lbs/hr and 9.67 tons/year.

(Ref.: PSD Construction Permit issued May 28, 2009, and modified January 27, 2021)

3.B.9 For Emission Point AA-021, Particulate Matter (PM/PM_{10}) emissions shall not exceed 1.59 tons/year.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021)

3.B.10 For Emission Point AA-021, the permittee shall only operate the compressor engine with emissions controlled by the oxidation catalyst. Except for new, reconstructed, and rebuilt stationary RICE, deviations from the emission or operating limitations that occur during the first 200 hours of operation from engine startup (engine burn-in period) are not violations. Rebuilt stationary RICE means a stationary RICE that has been rebuilt as that term is defined in 40 CFR 94.11(a).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the PSD Construction

Permit issued May 28, 2009, and modified January 27, 2021, and 40 CFR 63.6640(d), Subpart ZZZZ)

3.B.11 For Emission Point AA-021, the permittee is subject to and shall comply will all applicable requirements of Standards of Performance for Stationary Spark Ignition (SI) Internal Combustion Engines (40 CFR 60, Subpart JJJJ) and the General Provisions (40 CFR 60, Subpart A).

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

3.B.12 For Emission Point AA-021, the permittee shall comply with the emission standards in Table 1 of Subpart JJJJ. The permittee shall meet these limits by complying with the BACT limits in Conditions 3.B.6, 3.B.7, and 3.B.8.

(Ref.: 40 CFR 60.4233(e) and Table 1, Subpart JJJJ)

3.B.13 For Emission Point AA-021, the permittee shall operate and maintain the engine so that it meets the emission standards in 40 CFR 60.4233(e) over the entire life of the engine.

(Ref.: 40 CFR 60.4234, Subpart JJJJ)

3.B.14 For Emission Point AA-024, the permittee shall not exceed flare rate of 342 MMscf/yr of recovered natural gas. The permittee shall maintain a flare gas high heat value of at least 300 BTU/scf.

(Ref.: 11 Miss. Admin. Code, Pt. 2, R. 2.2.B(10). as established in Title V Permit issued June 14, 2007, and modified October 5, 2009, and Title V Permit issued July 18, 2013)

3.B.15 For Emission Point AA-024, the permittee shall demonstrate a control efficiency of at least 98% by operating each flare according to the requirements in paragraphs (a) through (d) below:

(a) Each flare shall be operated at all times when emissions may be vented to it.

(b) Each flare shall be operated and maintained according to the manufacturer's recommendations.

(c) Each flare shall be operated with no visible emissions as determined by EPA Method 22, except for periods not to exceed a total of five (5) minutes during any two (2) consecutive hours.

(d) The permittee shall maintain a flare pilot flame or auto-igniter system at all times when emissions may be vented to the flares.

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

3.B.16 For Emission Points AA-024 and AA-025, the permittee shall not cause or permit the emissions from any gas stream that contains hydrogen sulfide in excess of one (1) grain per 100 standard cubic feet (gr/100 scf).

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

3.B.17 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee is subject to and shall comply with all applicable requirements of National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities (40 CFR 63, Subpart HHH) and the General Provisions (40 CFR 63, Subpart A). For the purposes of this Subpart, Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017 are considered existing small glycol dehydration units.

Emissions from the glycol dehydration units are routed to a vapor recovery unit that does not the meet the definition of control device or a closed-vent system in 40 CFR 63.1271.

(Ref.: 40 CFR 63.1270 (a)(1), (a)(4), and (b)(2), Subpart HHH)

3.B.18 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall comply with all applicable provisions of 40 CFR 63, Subpart HHH, Table 2 and 40 CFR 63, Subpart A (General Provisions).

(Ref.: 40 CFR 63.1274(a) and Table 2, Subpart HHH)

3.B.19 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall comply with the control requirements for glycol dehydration unit process vents specified in 40 CFR 63.1275.

(Ref.: 40 CFR 63.1274(c)(1), Subpart HHH)

3.B.20 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, at all times, the permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the DEQ which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(Ref.: 40 CFR 63.1274(h), Subpart HHH)

3.B.21 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall comply with the following glycol dehydration unit process vent standards:

(a) Applies to each glycol dehydration unit that must be controlled for air emissions

as specified in 40 CFR 63.1274(c)(1).

(b) Except as provided by paragraph (c), the permittee shall limit BTEX emissions from each existing small glycol dehydration unit to the limit determined in Equation 1 of 40 CFR 63.1275(b)(1)(iii). One or more safety devices that vent directly to the atmosphere may be used on air emission control equipment installed to comply with Equation 1.

(c) As an alternative to the requirements in paragraph (b), the permittee shall control air emissions by connecting the process vent to a process natural gas line.

(Ref.: 40 CFR 63.1275(a), (b)(1)(iii), (b)(2), and (c)(1), Subpart HHH)

3.B.22 For Emission Points AA-001, AA-002, AA-003, AA-004, AA-021, and AA-026, the permittee is subject to and shall comply with all applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (40 CFR 63, Subpart ZZZZ) and the General Provisions (40 CFR 63, Subpart A).

For the purposes of this Subpart, Emission Points AA-001, AA-002, AA-003, and AA-004 are considered existing sources since they commenced construction or reconstruction prior to December 19, 2002.

Emission Points AA-001, AA-002, and AA-003 are 2-stroke lean burn (2SLB) engines greater than 500 hp and do not have to meet the requirements of Subpart ZZZZ. Emission Point AA-004 is an engine greater than 500 hp that meets the definition of an emergency engine and does not have to meet the requirements of Subpart ZZZZ.

Emission Point AA-021 has a site rating of 4,735 hp and was constructed after December 19, 2002, and is considered a new engine subject to the applicable requirements of Subpart ZZZZ.

Emission Point AA-026 is a 4-stroke rich burn emergency engine with a site rating of 100 hp and was constructed before June 12, 2006. Therefore AA-026 is an existing emergency engine subject to the applicable provisions of Subpart ZZZZ.

(Ref.: 40 CFR 63.6580, 63.6585(a) and (b), 63.6590(a)(1) and (2), 63.6590(b)(1)(i), 63.6590(b)(3)(i), (ii), and (iii), 63.6600(c), and 63.6590(c)(3), Subpart ZZZZ)

3.B.23 For Emission Point AA-021, the permittee shall comply with the following emission limitations:

(a) Reduce the CO emissions by 93% or more, or

(b) Limit concentration of formaldehyde in the stationary RICE exhaust to 14 ppmvd

or less at 15% O_2.

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

3.B.24 For Emission Point AA-021, the permittee shall comply with the following operating limitations:

(a) Maintain the catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water at 100 % load plus or minus 10% from the pressure drop across the catalyst that was measured during the initial performance test; and

(b) Maintain the temperature of the stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.

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

3.B.25 For Emission Points AA-021 and AA-026, the permittee shall comply with the following:

(a) Comply at all times with the emission limitations, operating limitations, and other requirements in 40 CFR 63, Subpart ZZZZ .

(b) Operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the MDEQ which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(Ref.: 40 CFR 63.6605, Subpart ZZZZ)

3.B.26 For Emission Points AA-004 and AA-026, the permittee shall install a non-resettable hour meter on each engine (if not already installed).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). and 40 CFR 63.6625(f), Subpart ZZZZ)

3.B.27 For Emission Points AA-004 and AA-026, the permittee shall operate the emergency stationary engine according to the requirements cited below. In order for the engine to be considered an emergency stationary engine, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described below, is prohibited. If the engine is not operated according to these

requirements, the engine will not be considered an emergency engine under Subpart ZZZZ and shall meet all requirements for non-emergency engines.

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

(b) The engine may be operated for a 100 hours 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 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 the engine beyond 100 hours per calendar year.

(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.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10). and 40 CFR 63.6640(f), Subpart ZZZZ)

3.B.28 For Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017, the permittee is subject to and shall comply with all applicable requirements of National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR 63, Subpart DDDDD) and the General Provisions (40 CFR 63, Subpart A).

For the purposes of Subpart DDDDD, Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017 are considered existing boilers that are in the units designed to burn gas 1 fuels category. Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017 are not subject to the emission limits in Table 2 or the operating limits in Table 4 of Subpart DDDDD.

(Ref.: 40 CFR 63.7480, 63.7485, 63.7490(a)(1) and (d), 63.7499(l), and 63.7500(e), Subpart DDDDD)

3.B.29 For Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017, the permittee shall operate and maintain each unit in a manner consistent with safety and good air pollution control practices for minimizing emissions. The Subpart DDDDD work practice standards apply at all times an affected unit is operating, except during periods of startup and shutdown.

(Ref.: 40 CFR 63.7500(a)(1) and (3), (e), and (f) and 63.7505(a), Subpart DDDDD)

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-021 AA-026	40 CFR 63.6625(h), Subpart ZZZZ	3.D.1	HAP	Operating requirements
AA-026	40 CFR 63.6602, 40 CFR 63.6625(j), and Item 6 and Footnotes 1 and 2 of Table 2c of Subpart ZZZZ	3.D.2	HAP	Scheduled maintenance requirements
	40 CFR 63.6625(e), 63.6640(a), and Table 6 of Subpart ZZZZ	3.D.3		Operating requirements
AA-005 AA-007 AA-009 AA-012 AA-014 AA-016	40 CFR 63.7500(e), 63.7515(d), 63.7540(a)(11), and (13), Subpart DDDDD	3.D.4	HAP	Tune-up every 2 years
AA-008 AA-010 AA-013 AA-015 AA-017	40 CFR 63.7500(e), 63.7515(d), 63.7540(a)(12), and (13), Subpart DDDDD	3.D.5	HAP	Tune-up every 5 years
AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017	40 CFR 63.7540(a)(10)(i)-(vi), Subpart DDDDD	3.D.6		Tune up requirements

3.D.1 For Emission Point AA-021 and AA-026, the permittee shall minimize the engine's time spent at idle during startup and minimize each engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-start-up emission limitations apply.

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

3.D.2 For Emission Point AA-026, the permittee shall comply with the following requirements:

(a) Change oil and filter every 500 hours of operation or annually, whichever comes first, or perform an oil analysis at the same frequency in order to extend the oil

change requirement. If the permittee chooses to use an oil analysis in an effort to extend the oil/filter change requirement, the results of the analysis must verify the oil has not exceeded the condemning limits contained in (1)–(3) below. If any of these limits are exceeded, the oil must be changed within two business days of receiving the results of the analysis. If the engine is not in operation when the results are received, the oil must be changed within two business days or before commencing operation, whichever is later.

(1) Total Acid Number is less than 30 percent of the Total Acid Number of the oil when new.

(2) Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new.

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

(b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary.

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

If the engine is operating during an emergency and it is not possible to shut down the engine in order to perform the work practices according to the schedule listed in (a)–(c) above, or if performing the work practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the work practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The work practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated.

(Ref.: 40 CFR 63.6602; 63.6625(j); and Item 6 and Footnotes 1 and 2 of Table 2c of Subpart ZZZZ)

3.D.3 For Emission Points AA-026, the permittee shall operate and maintain the engine according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practices for minimizing emissions.

(Ref.: 40 CFR 63.6625(e), 63.6640(a), and Table 2a, 2c, and 6, Subpart ZZZZ)

3.D.4 For Emission Points AA-005, AA-007, AA-009, AA-012, AA-014, and AA-016, the permittee shall conduct a tune-up on each unit every two (2) years since all boilers have heat input capacities of less than 10 MMBtu/hr. Each subsequent tune-up shall be completed no more than 25 months after the previous tune-up. If any unit is not operating on the required date for a tune-up, the permittee shall conduct the required tune-up within 30 calendar days of startup.

(Ref.: 40 CFR 63.7515(d) and 63.7540(a)(11) and (13), Subpart DDDDD)

3.D.5 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall conduct a tune-up on each unit every five (5) years since all boilers have heat input capacities of less than 5 MMBtu/hr. Each subsequent tune-up shall be completed no more than 61 months after the previous tune-up. The burner inspection may be delayed until the next scheduled or unscheduled shutdown, but the burner shall be inspected once every 72 months. If any unit is not operating on the required date for a tune-up, the permittee shall conduct the required tune-up within 30 calendar days of startup.

(Ref.: 40 CFR 63.7515(d) and 63.7540(a)(12) and (13), Subpart DDDDD)

3.D.6 For Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017, each tune-up shall consist of the following:

(a) As applicable, inspect the burner, and clean or replace any components of the burner, as necessary (the burner inspection may be completed any time prior to the tune-up or can be delayed until the next scheduled unit shutdown).

(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 (inspection may be delayed until the next scheduled unit shutdown).

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

(e) Measure the concentrations from 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.

(f) Maintain on-site and submit, if requested by DEQ, a report containing the information in (1) and (2) below:

(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 part of the tune-up.

(Ref.: 40 CFR 63.7540(a)(10)(i)-(vi), Subpart DDDDD)

SECTION 4. COMPLIANCE SCHEDULE

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

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

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

(b) the compliance status;

(c) whether compliance was continuous or intermittent;

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

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

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

SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

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

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

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

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

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

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

(d) the analytical techniques or methods used;

(e) the results of such analyses; and

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

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

5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

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

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

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

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

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-008 AA-010 AA-013 AA-015 AA-017	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.1	HAP/VOC	Record date, start time, and duration of any failure of the control equipment and/or bypass of the vapor recovery unit.
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(3).	5.B.2		Weekly inspections and maintenance of control equipment
AA-001 AA-002 AA-003 AA-004 AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017 AA-021 AA-026	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.3	Fuel	Monitor and record fuel type, sulfur content, and heating value of the fuel used

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-021	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2). as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021	5.B.4	CO	Stack testing annually using EPA Test Method 10, 40 CFR 60, Subpart A
		5.B.5	NOx	Stack testing annually using EPA Test Method 7, 40 CFR 60, Subpart A
		5.B.6	VOC	Stack testing annually using EPA Test Method 25, 40 CFR 60, Subpart A
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.7	CO/VOC	Record date, start time, and duration that engine was operated without being controlled by the oxidation catalyst
AA-021	40 CFR 60.4243(b)(2)(ii), Subpart JJJJ	5.B.8	CO NOx VOC	Non-Certified engine requirements
	40 CFR 4245(a), Subpart JJJJ	5.B.9		Recordkeeping requirements
AA-024	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.10	VOC HAP	Flare operations
		5.B.11	Opacity	Method 22
AA-024 AA-025	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.12	Fuel Analysis	Conduct yearly field gas analysis
AA-024	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.13	Flare Operations	Monitoring and recordkeeping
AA-024	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.14	Natural Gas Flare Rate	Monitoring and recordkeeping
AA-008 AA-010 AA-013 AA-015 AA-017	40 CFR 63.1270(a)(3), Subpart HHH	5.B.15	HAP	Maintain records of annual facility natural gas throughput
	40 CFR 63.1272(a) and (d)(1), Subpart HHH	5.B.16		Affirmative defense
	40 CFR 63.1274(c), Subpart HHH	5.B.17		Comply with monitoring requirements specified in 40 CFR 63.1283 and recordkeeping requirements specified in 40 CFR 63.1284
	40 CFR 63.1282(a), Subpart HHH	5.B.18		Determination of glycol dehydration unit flowrate, benzene emissions, or BTEX emissions
	40 CFR 63.1284(a) and Table 2, Subpart HHH	5.B.19		Recordkeeping provisions of Subpart A that apply

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-008 AA-010 AA-013 AA-015 AA-017	40 CFR 63.1284(b)(1), (2), and (3), (d), and (f) Subpart HHH	5.B.20	HAP	Recordkeeping
AA-021	40 CFR 63.6615, Subpart ZZZZ	5.B.21	HAP	Semiannual performance tests
	40 CFR 63.6620, Subpart ZZZZ	5.B.22		Performance test requirements
	40 CFR 63.6625(b), Subpart ZZZZ	5.B.23		CPMS requirements
AA-026	40 CFR 63.6640(a), Subpart ZZZZ	5.B.24		Continuous Compliance Demonstration
AA-021 AA-026	40 CFR 63.6655(a), (d), (e), and (f), Subpart ZZZZ	5.B.25		Recordkeeping
	40 CFR 63.6660, Subpart ZZZZ	5.B.26		
AA-004	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.27	HAP	Record hours of operation
AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017	40 CFR 63.7555(a)(1) and (2), Subpart DDDDD	5.B.28	HAP	Recordkeeping
	40 CFR 63.7560, Subpart DDDDD	5.B.29		

5.B.1 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall record the date, start time, and duration of any failure of the control equipment and/or bypass of the vapor recovery unit.

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

5.B.2 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall perform weekly inspection of the air pollution control equipment. Maintenance shall be performed as necessary to maintain proper operation of the pollution control

equipment. Records of weekly inspection and any maintenance work shall be kept in log form and must be made available for review upon request during any inspection visit by DEQ personnel.

In the event of a failure of the pollution control equipment, the permittee shall cease operations until such times a repairs can be made and the proper efficiency of the control equipment is restored.

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

5.B.3 For Emission Points AA-001, AA-002, AA-003, AA-004, AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, AA-017, AA-021, and AA-026, the permittee shall monitor and record the fuel type, sulfur content, and heating value (BTU/ft^3) of all fuel used. The permittee can demonstrate compliance with the above requirement by having a current, valid purchase contract, tariff sheet or transportation contract for the natural gas.

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

5.B.4 For Emission Point AA-021, the permittee shall demonstrate continuous compliance with the CO (Carbon Monoxide) emission limits in Condition 3.B.6 by performing an annual stack test (not to exceed 14 months from the previous stack test) in accordance with EPA Test Method 10, 40 CFR 60, Appendix A. All test methods shall be the current versions which are in effect upon permit issuance. During the test, the permittee shall monitor the inlet and outlet temperature of the catalyst bed. The unit shall be operated at maximum production during this test and engine operating load data shall be collected during the test.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2)., as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021)

5.B.5 For Emission Point AA-021, the permittee shall demonstrate continuous compliance with the NOx (Nitrogen Oxides) emission limits in Condition 3.B.7 by performing an annual stack test (not to exceed 14 months from the previous stack test) in accordance with EPA Test Method 7, 40 CFR 60, Appendix A. All test methods shall be the current versions which are in effect upon permit issuance. During the test, the permittee shall monitor the inlet and outlet temperature of the catalyst bed. The unit shall be operated at maximum production during this test and engine operating load data shall be collected during the test.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2). , as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021)

5.B.6 For Emission Point AA-021, the permittee shall demonstrate continuous compliance with the VOC (Volatile Organic Compound) emission limits in Condition 3.B.8 by

performing an annual stack test (not to exceed 14 months from the previous stack test) in accordance with EPA Test Method 25, 40 CFR 60, Appendix A. All test methods shall be the current versions which are in effect upon permit issuance. During the test, the permittee shall monitor the inlet and outlet temperature of the catalyst bed. The unit shall be operated at maximum production during this test and engine operating load data shall be collected during the test.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2). , as established in the PSD Construction Permit issued May 28, 2009, and modified January 27, 2021)

5.B.7 For Emission Point AA-021, the permittee shall record the date, start time, and duration that the engine was operated and not controlled by the oxidation catalyst.

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

5.B.8 For Emission Point AA-021, the permittee shall demonstrate compliance by purchasing a non-certified engine and demonstrating compliance with the emission standards specified in Conditions 3.B.6, 3.B.7, and 3.B.8 and according to the requirements specified in 40 CFR 60.4244, as applicable.

The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

In addition, the permittee must conduct subsequent performance testing, in accordance with 40 CFR 63.4244, every 8,760 hours or 3 years, whichever comes first.

(Ref.: 40 CFR 60.4243(b)(2)(ii), Subpart JJJJ)

5.B.9 For Emission Point AA-021, the permittee shall keep records of the following information:

(a) All notifications submitted to comply with this subpart and all documentation supporting any notification.

(b) Maintenance conducted on the engine.

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

(Ref.: 40 CFR 60.4245(a), Subpart JJJJ)

5.B.10 For Emission Point AA-024, the permittee shall comply with the following monitoring requirements outlined in paragraphs (a) or (b):

(a) The permittee shall monitor and record the presence of the flare pilot flame; or

(b) The permittee shall continuously maintain and operate an auto-igniter system on the flare to ensure a flame is immediately restored when emissions are being sent to the flare. At a minimum, the permittee shall comply with the following:

(1) The auto-igniter system shall be an electric arc ignition system. The electric arc ignition system shall pulse continually.

(2) The auto-igniter system shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manuals.

(3) If the auto-igniter system fails to light the flame, it must be relit as soon as safely possible and the auto-igniter system must be repaired or replaced as soon as practicable.

(4) Physical inspections of all equipment associated with the auto-igniter system shall be performed quarterly. The permittee shall respond to any observation of any auto-igniter failure and ensure the equipment is returned to proper operation as soon as practicable and safely possible after an observation or an alarm sounds.

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

5.B.11 For Emission Point AA-024, the permittee shall demonstrate compliance with the visible emissions limit in Condition 3.B.15 by conducting an initial EPA Method 22 test for a period of two (2) consecutive hours within 90 days of permit issuance. The test shall be conducted while the facility is operating at the representative flow to the flare. The permittee shall monitor and maintain records of the gas flow rate to the flare during the test.

If a change is made at the facility, which causes the previous 2-hour visible emissions test to no longer be representative, e.g., a flare is replaced or modified, then the permittee must perform a Method 22 test within ninety (90) days of the change.

If the visible emissions limit in Condition 3.B.15 is not met during the Method 22 test, corrective action shall be taken immediately. Immediately following completion of the corrective action(s), the permittee shall demonstrate compliance by performing an EPA Method 22 test for a period of two (2) hours.

The permittee shall perform daily inspections for the presence or absence of smoke. the daily smoke checks will be conducted on manned operating days. If smoke is observed, the permittee shall conduct a formal visible emissions test for a minimum of fifteen (15) minutes using EPA Method 22 while the facility is operating with all gases being flared. If visible emissions are observed for a period greater than one (1) minute, corrective action shall be taken immediately. Immediately following completion of the corrective action(s), the permittee shall demonstrate compliance by performing an EPA Method 22 test for a period of two (2) hours and shall monitor and maintain records of the flare rate during the test.

In addition, the permittee shall perform monthly EPA Method 22 test for a period greater than 15 minutes during a consecutive two-hour period. The monthly visible emissions tests shall be separated by at least fifteen (15) days between each test.

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

5.B.12 For Emission Point AA-024 and AA-025, the permittee shall conduct a yearly field gas analysis of the recovered natural gas.

If a change is made at the facility, which causes the most recent gas analysis to no longer be representative then the facility shall perform a gas analysis within ninety (90) days of the change.

Subsequent gas analyses shall be performed annually, not to exceed 14 months from the previous analysis. Each gas analysis shall include the following properties: hydrogen sulfide concentration, sulfur content, methane concentration (by volume), gross and net heating value, molecular weight, specific gravity, and speciated VOC components (minimally to C6+).

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

5.B.13 For Emission Point AA-024, the permittee shall comply with the following recordkeeping requirements outlined in paragraphs (a) through (e):

(a) The permittee shall maintain a copy of the flare manufacturer operating and maintenance recommendations and detailed records of all maintenance performed on the flare.

(b) The permittee shall maintain records of the daily visual inspections required by condition 5.B.11 demonstrating the presence of a flame whenever the facility is in operation.

(c) The permittee shall maintain records of all EPA Method 22 tests conducted, and details of any corrective/preventative action(s) taken.

(d) The permittee shall maintain records of all gas analyses performed to determine the net heating value of the gas being combusted in the flares.

(e) For the auto-igniter system, the permittee shall maintain records of any instances in which the auto-igniter system did not function, the date and times of the occurrence, the corrective actions taken, preventative measures adopted to prevent reoccurrence, all instances of alarm activation, including the date and cause of alarm activation, actions taken to bring the flare into normal operating conditions, and any maintenance activities conducted on the auto-igniter system.

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

5.B.14 For Emission Point AA-024, the permittee shall calculate and record the total volumetric flow rate of the recovered natural gas combusted in the flares on a daily, monthly, and 12 month rolling basis. Also, in addition the permittee shall conduct monthly natural gas analysis including high heat value (Btu content) of the recovered natural gas.

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

5.B.15 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall maintain records of the annual facility natural gas throughput each year. If the annual natural gas throughput increases above the natural gas throughput calculated in 40 CFR 63.1270(a)(1), the maximum natural gas throughput shall be recalculated using the higher throughput multiplied by a factor of 1.2.

(Ref.: 40 CFR 63.1270(a)(3), Subpart HHH)

5.B.16 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall comply with the affirmative defense for violations of emission standards during malfunction in 40 CFR 63.1272(a) and (d) at all times.

(Ref.: 40 CFR 63.1272(a) and (d)(1), Subpart HHH)

5.B.17 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall comply with the following requirements, as they apply:

(a) Monitoring requirements in 40 CFR 63.1283, and

(b) Recordkeeping requirements in 40 CFR 63.1284.

(Ref.: 40 CFR 63.1274(c), Subpart HHH)

5.B.18 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the procedures below shall be used to determine the glycol dehydration unit natural gas flowrate, benzene emissions, or BTEX emissions.

(a) The determination of actual flowrate of natural gas to a glycol dehydration unit shall be made using the procedures of either paragraph (1) or (2).

(1) The permittee shall install and operate a monitoring instrument that directly measures natural gas flowrate to the glycol dehydration unit with an accuracy of plus or minus 2 percent or better. The permittee shall convert the annual natural gas flowrate to a daily average by dividing the annual flowrate by the number of days per year the glycol dehydration unit processed natural gas.

(2) The permittee shall document, to the Administrator's satisfaction, the actual annual average natural gas flowrate to the glycol dehydration unit.

As a conservative approach, such documentation shall include the design capacity of the equipment.

(b) The determination of actual average benzene or BTEX emissions from a glycol dehydration unit shall be made using the procedures of either paragraph (1) or (2). Emissions shall be determined either uncontrolled or with federally enforceable controls in place.

(1) The permittee shall determine actual average benzene or BTEX emissions using the model GRI-GLYCalc™, Version 3.0 or higher, and the procedures presented in the associated GRI-GLYCalc™ Technical Reference Manual. Inputs to the model shall be representative of actual operating conditions of the glycol dehydration unit and may be determined using the procedures documented in the Gas Research Institute (GRI) report entitled "Atmospheric Rich/Lean Method for Determining Glycol Dehydrator Emissions" (GRI-95/0368.1); or

(2) The permittee shall determine an average mass rate of benzene or BTEX emissions in kilograms per hour through direct measurement by performing three runs of Method 18 in 40 CFR part 60, appendix A; or ASTM D6420-99 (Reapproved 2004) (incorporated by reference as specified in 40 CFR 63.14), as specified in 40 CFR 63.772(a)(1)(ii); or an equivalent method; and averaging the results of the three runs. Annual emissions in kilograms per year shall be determined by multiplying the mass rate by the number of hours the unit is operated per year. This result shall be converted to megagrams per year.

(Ref.: 40 CFR 63.1282(a), Subpart HHH)

5.B.19 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall maintain the applicable recordkeeping provisions of 40 CFR 63, Subpart A and 40 CFR 63, Subpart HHH Table 2.

(Ref.: 40 CFR 63.1284(a), Subpart HHH)

5.B.20 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall maintain the records specified in paragraphs (a) through (c) below:

(a) Maintain files of all information (including all reports and notifications) required by this subpart. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or period.

(1) All applicable records shall be maintained in such a manner that they can be readily accessed.

(2) The most recent 12 months of records shall be retained on site or shall be accessible from a central location by computer or other means that provides access within 2 hours after a request.

(3) The remaining 4 years of records may be retained offsite.

(4) Records may be maintained in hard copy or computer-readable form including, but not limited to, on paper, microfilm, computer, floppy disk, magnetic tape, or microfiche.

(b) Records specified in 40 CFR 63.10(b)(2);

(c) Records of the actual average benzene emissions (in terms of benzene emissions per year), as determined in accordance with §63.1282(a)(2).

(d) Records of the actual annual average natural gas throughput (in terms of natural gas flowrate to the glycol dehydration unit per day), as determined in accordance with 40 CFR 63.1282(a)(1).

(e) Records of the occurrence and duration of each malfunction of operation (*i.e.,* process equipment) or the air pollution control equipment and monitoring equipment. The permittee shall maintain records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.1274(h), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(Ref.: 40 CFR 63.1284(b)(1), (2), and (3), (d), and (f), Subpart HHH)

5.B.21 For Emission Point AA-021, the permittee shall conduct subsequent performance tests semiannually. After compliance is demonstrated for two consecutive tests, the permittee shall reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance tests indicate the stationary RICE is not in compliance with the CO or formaldehyde emission limitation or deviate from any operating limitations, the semiannual performance test shall resume.

(Ref.: 40 CFR 63.6615, Subpart ZZZZ)

5.B.22 For Emission Point AA-021, the permittee shall conduct each applicable performance test in Table 3 and 4 of Subpart ZZZZ . The permittee shall follow all applicable performance testing requirements in 40 CFR 63.6620.

(Ref.: 40 CFR 63.6620, Subpart ZZZZ)

5.B.23 For Emission Point AA-021, the permittee shall install a continuous parameter monitoring system (CPMS) as specified in Table 5 of Subpart ZZZZ. The permittee shall install, operate, and maintain each CPMS according to the requirements below:

(a) Prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined below and in 40 CFR 63.8(d). As specified in 40 CFR 63.8(f)(4), the permittee shall request approval of monitoring system quality assurance and quality control procedures alternative to those specified in 40 CFR 63.6625(b)(1) through (5) in your site-specific monitoring plan.

(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 40 CFR 63.8(c)(1)(ii) and (c)(3); and

(5) Ongoing reporting and recordkeeping procedures in accordance with provisions in 40 CFR 63.10(c), (e)(1), and (e)(2)(i).

(b) 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 (see also 40 CFR 63.6635).

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

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

(f) Conduct a performance evaluation of each CPMS in accordance with your site-specific monitoring plan.

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

5.B.24 For Emission Point AA-026, the permittee shall demonstrate continuous compliance with the emission limitation and operating limitation in Table 2c according to the methods specified in Condition 3.D.3.

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

5.B.25 For Emission Points AA-021 and AA-026, the permittee shall keep the following records:

(a) A copy of each notification and report that was submitted to comply with 40 CFR 63 Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).

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

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

(d) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(e) Records of actions taken during periods of malfunction to minimize emissions in accordance with Condition 3.B.25, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(f) For each CPMS, the permittee shall keep the following records:

(1) Records described in 40 CFR 63.10(b)(2)(vi) through (xi).

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

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

(g) Records required in Table 6 of 40 CFR 63, Subpart ZZZZ to show continuous compliance with each emission or operation limitation that applies.

(h) Records of the maintenance conducted on the stationary RICE in order to demonstrate that it was operated and maintained according to the maintenance plan.

(i) Records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee shall 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 63.6655(a), (b), (d), (e), and (f), Subpart ZZZZ)

5.B.26 For Emission Points AA-021 and AA-026, the permittee shall comply with the following:

(a) Records must be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).

(b) As specified in 40 CFR 63.10(b)(1), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) The permittee shall keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

(Ref.: 40 CFR 63.6660, Subpart ZZZZ)

5.B.27 For Emission Point AA-004, the permittee shall keep records of the hours of operation of that engine that is recorded through the non-resettable hour meter. The permittee shall 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.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).)

5.B.28 For Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017, the permittee shall keep the following records:

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

(b) Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

(Ref.: 40 CFR 63.7555(a)(1) and (2), Subpart DDDDD)

5.B.29 For Emission Points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017, the permittee shall keep records in accordance with the following requirements:

(a) Records shall be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1).

(b) As specified in 40 CFR 63.10(b)(1), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) The permittee shall keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to § 63.10(b)(1). The records can be kept off site for the remaining 3 years.

(Ref.: 40 CFR 63.7560, Subpart DDDDD)

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
AA-008 AA-010 AA-013 AA-015 AA-017	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.1	HAP VOC	Records of failure of control equipment and/or bypass of the vapor recovery unit
		5.C.2		Records of weekly inspections and maintenance
AA-001 AA-002 AA-003 AA-004 AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017 AA-021 AA-026	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.3	Fuel	Records of fuel usage
AA-021	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1). and PSD Construction permit issued May 28, 2009, and modified January 27, 2021, and 40 CFR 63.6645(g), Subpart ZZZZ	5.C.4	CO NOx VOC	Submit a stack test report within 60 days of conducting the stack test.
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.5	CO VOC	Records of when engine was operated without being controlled by the oxidation catalyst
AA-024	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.6	HAP VOC	Flare reporting requirements
AA-024 AA-025	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.7		Records of yearly recovered natural gas analysis
AA-008 AA-010 AA-013 AA-015 AA-017	40 CFR 63.1272(d)(2), Subpart HHH	5.C.8	HAP	Affirmative defense reporting
AA-008 AA-010	40 CFR 63.1274(c)(3), Subpart HHH	5.C.9	HAP	Comply with reporting requirements in 40 CFR 63.1285

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
AA-013 AA-015 AA-017	40 CFR 63.1285(a) and Table 2, Subpart HHH	5.C.10		General Provisions reporting
	40 CFR 63.1285(e), Subpart HHH	5.C.11		Periodic reporting
	40 CFR 63.1285(f), Subpart HHH	5.C.12		Notification of process change
	40 CFR 63.1285(g), Subpart HHH	5.C.13		Electronic reporting
AA-021 AA-026	40 CFR 63.6640(b), 63.6650(f), and Footnote 1 of Table 2c of Subpart ZZZZ	5.C.14	HAP	Report deviations
AA-004 AA-026	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.15		Hours of operation
AA-005 AA-007 AA-008 AA-009 AA-010 AA-012 AA-013 AA-014 AA-015 AA-016 AA-017	40 CFR 63.7550(b) and (b)(4) and 63.7750(c)(1), Subpart DDDDD	5.C.16	HAP	Compliance report

5.C.1 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall submit semi-annual reports, in accordance with Condition 5.A.4, of the date, start time, and duration of any failure of the control equipment and/or bypass of the vapor recovery unit.

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

5.C.2 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall submit semi-annual reports, in accordance with Condition 5.A.4, of the weekly inspection and maintenance of the control equipment.

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

5.C.3 For Emission Points AA-001, AA-002, AA-003, AA-004, AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, AA-017, AA-021, and AA-026, the permittee shall submit semi-annual reports, in accordance with

Condition 5.A.4, of the fuel type, sulfur content, and heating value of the fuel used. As an alternative to submitting the information above, the permittee shall submit a copy of the Gas Quality Section of the current valid purchase contract, tariff sheet or transportation contract for natural gas combusted.

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

5.C.4 For Emission Point AA-021, the permittee shall submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required by 40 CFR 63.7(h)(2)(ii). The permittee shall also submit a stack 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. If the initial stack test protocol is acceptable, subsequent test protocols may be waived if these protocols contain no significant changes. Also, the DEQ must be notified at least ten (10) days prior to the scheduled test date so that an observer may be schedules to witness the test(s).

The permittee shall submit a report of any stack test results within sixty (60) days of conducting the respective stack test.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(c)(1). and 40 CFR 63.6645(g), Subpart ZZZZ)

5.C.5 For Emission Point AA-021, the permittee shall submit semi-annual reports, in accordance with Condition 5.A.4, of the date, time, and duration that the engine was operated without being controlled by the oxidation catalyst.

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

5.C.6 For Emission Point AA-024, the permittee shall submit semi-annual reports, in accordance with Condition 5.A.4, of the following:

(a) Details of any periods where the pilot flame was not present or the auto-igniter system was not operational, including date, start and end times, duration, cause, corrective and preventative actions taken, and whether or not any gases were being vented to the flare.

(b) Copies of all data sheets for daily smoke checks during manned operating days and any EPA Method 22 tests performed during the reporting period.

(c) Auto-igniter system data: report of any instances in which the auto-igniter system did not function, the date and times of the occurrence, the corrective actions taken, preventative measure adopted to prevent reoccurrence, all instances of alarm activation, including the date and cause of alarm activation, actions taken to bring the flare into normal operating conditions; and any maintenance activities conducted on the auto-igniter system.

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

5.C.7 For Emission Point AA-024 and AA-025, the permittee shall submit yearly results of the recovered natural gas analysis.

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

5.C.8 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, if the permittee is seeking to assert an affirmative defense , the permittee shall submit a written report to the DEQ with all necessary supporting documentation, that it has met the requirements set forth in Condition 5.B.16. This affirmative defense report shall be included in the first periodic compliance, deviation report or excess emission report otherwise required after the initial occurrence of the violation of the relevant standard (which may be the end of any applicable averaging period). If such compliance, deviation report or excess emission report is due less than 45 days after the initial occurrence of the violation, the affirmative defense report may be included in the second compliance, deviation report or excess emission report due after the initial occurrence of the violation of the relevant standard.

(Ref.: 40 CFR 63.1272(d)(2), Subpart HHH)

5.C.9 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall comply with all applicable reporting requirements in 40 CFR 63.1285.

(Ref.: 40 CFR 63.1274(c)(3), Subpart HHH)

5.C.10 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall comply with the applicable reporting provisions of 40 CFR 63, Subpart A as listed in 40 CFR 63, Subpart HHH, Table 2.

(Ref.: 40 CFR 63.1285(a), Subpart HHH)

5.C.11 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, the permittee shall submit periodic reports in accordance with the paragraphs below:

(a) The permittee shall submit Periodic Reports semiannually, in accordance with Condition 5.A.4.

(b) The permittee shall include the information specified in (1) through (5), as applicable.

(1) The information required under 40 CFR 63.10(e)(3). For the purposes of this subpart and the information required under 40 CFR 63.10(e)(3), excursions (as defined in 40 CFR 63.1283(d)(6)) shall be considered excess emissions.

(2) A description of all excursions as defined in 40 CFR 63.1283(d)(6) that have occurred during the 6-month reporting period. The permittee shall submit the information provided in 40 CFR 63.1285(e)(2)(ii).

(3) The information in paragraphs 40 CFR 63.1285(e)(2)(vi)(A) and (B) shall be stated in the Periodic Report, when applicable.

(4) Any change in compliance methods as specified in 40 CFR 63.1282(e).

(5) Certification by a responsible 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.

(c) If there was a malfunction during the reporting period, the Periodic Report specified above 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 must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.1274(h), including actions taken to correct a malfunction.

(Ref.: 40 CFR 63.1285(b)(5) and (6) and (e), Subpart HHH)

5.C.12 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, whenever a process change is made, or a change in any of the information submitted in the Notification of Compliance Status Report, the permittee shall submit a report within 180 days after the process change is made or as a part of the next Periodic Report as required under Condition 5.C.11, whichever is sooner. The report shall include:

(a) A brief description of the process change;

(b) A description of any modification to standard procedures or quality assurance procedures;

(c) Revisions to any of the information reported in the original Notification of Compliance Status Report under 40 CFR 63.1285(d); and

(d) Information required by the Notification of Compliance Status Report under 40 CFR 63.1285(d) for changes involving the addition of processes or equipment.

(Ref.: 40 CFR 63.1285(f), Subpart HHH)

5.C.13 For Emission Points AA-008, AA-010, AA-013, AA-015, and AA-017, all reports required by 40 CFR 63, Subpart HHH shall be sent to the DEQ.

(Ref.: 40 CFR 63.1285(g), Subpart HHH)

5.C.14 For Emission Points AA-021 and AA-026, the permittee shall report all deviations from any emission or operating limitation of Subpart ZZZZ in the semi-annual report in accordance with Condition 5.A.4. Such deviations shall include any failure to perform the work practice on the required schedule. In the event a work practice is delayed because the engine is operating during an emergency or if performing the work practice on the required schedule posed an unacceptable risk under federal, state, or local law, the permittee shall include in the report the reason for the delay. These deviations shall be reported according to the following requirements:

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

(b) If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.

(c) If there was a deviation from any emission limitation or operating limitation during the reporting period, then the compliance report shall contain the following information:

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

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

(d) If there was a malfunction during the reporting period, the 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, including actions taken to correct a malfunction.

(Ref.: 40 CFR 63.6640(b), 63.6650 (a) - (d) and (f), and Footnote 1 to Table 2c of Subpart ZZZZ)

5.C.15 For Emission Points AA-004, and AA-026, the permittee shall report the annual hours each engine operated in emergency use, including what constituted the emergency, and the annual hours operated in non-emergency use. These hours shall be submitted for each calendar year in accordance with Condition 5.A.4.

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

5.C.16 For Emission points AA-005, AA-007, AA-008, AA-009, AA-010, AA-012, AA-013, AA-014, AA-015, AA-016, and AA-017, the permittee shall submit either a two (2) year or a five (5) year compliance report. The report shall be submitted no later than January 31 following the end of the compliance period. The compliance report shall include the following information:

(a) Company and Facility name and address.

(b) Process unit information, emissions limitations, and operating parameter limitations.

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

(d) Date of the most recent tune-up for each unit and 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 unit 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(b)(4), and 63.7550(c)(1), Subpart DDDDD)

SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

SECTION 7. TITLE VI REQUIREMENTS

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

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

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

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

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

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

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

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

(a) Servicing, maintaining, or repairing appliances;

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

(c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, as

well as persons selling, offering for sale, and/or purchasing class I, class II, or non-exempt substitute refrigerants.

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

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

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

(b) Any person disposing of halons;

(c) Manufacturers of halon blends; or

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

APPENDIX A

List of Abbreviations Used In this Permit

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