

STATE OF MISSISSIPPI AIR POLLUTION CONTROL TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Texas Eastern Transmission, LP
Kosciusko Compressor Station Number 202
4196 Highway 741 S
Kosciusko, Mississippi
Attala 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) (*i.e.*, the “Federal Act”) 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: _____

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires:[Date not to exceed 5 years from issuance]

Permit No.: 0120-00029

2073 PER20260001

DRAFT/PROPOSED – July 7, 2026

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SECTION 1. GENERAL CONDITIONS

- 1.1 The permittee must comply with all conditions of this permit. Any permit non-compliance 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 The 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 following provisions:

- (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 three (3) or more years. Such a reopening shall be completed no later than eighteen (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 emissions 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 a permit shall follow the same procedures as apply to initial permit issuance and shall affect only 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 Department of Environmental Quality (DEQ) at least thirty (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 claimed 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 The 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 fee based on a fee schedule established by the Mississippi Commission on Environmental Quality (*i.e.*, the “Commission”). The fee schedule shall be set each year by order of the Commission in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.

- (a) A portion of the fee shall be based on the permittee’s annual quantity of emissions. The permittee shall elect for “actual emissions” 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.
 - (i) “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.

- (ii) “Allowable emissions” are those emissions limited by this permit as well as those emissions not expressly limited by this permit but otherwise allowed by this permit, as represented in the Title V application.
- (iii) Notwithstanding paragraphs (i) and (ii), a minimum annual fee shall be assessed in accordance with the fee schedule established by the Commission when calculating this portion of the fee.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.B(1).)

- (b) A portion of the fee shall be based on the complexity of this permit, as determined by the number of air regulations applicable to the permittee on the date of the fee calculation in accordance with the fee schedule established by the Commission. Only air regulations required to be addressed by this permit may be included in the annual fee schedule.

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

- (c) By July 1 of each year, the permittee shall submit a completed annual fee reporting form to the DEQ accompanied by all necessary calculations and supporting information to verify actual emissions. If the annual fee reporting form is not filled out completely and accurately or certified in accordance with Regulation 11 Miss. Admin. Code Pt. 2, R. 6.2.E., “allowable emissions” or other information necessary to determine the appropriate annual fee shall be used in the fee calculation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.B(3)(c).)

- (d) If the Commission determines that there is not sufficient information available to the permittee to accurately complete and submit the annual fee reporting form by July 1, but such information becomes available and is submitted to the DEQ after July 1, the fee calculation and assessment may be altered according to the annual fee schedule. No fee actually paid to the DEQ shall be refunded due to a change in the fee calculation.

If a fee is recalculated such that the amount assessed for an annual period is reduced and the permittee has already paid all or a portion of the fee, the revised fee

assessment may not be reduced to an amount less than what the permittee has already paid regardless of the results of the recalculation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.B(3)(d).)

- (e) The fee shall be due September 1 of each year. However, the permittee may elect a quarterly payment method of four (4) equal payments with the payments due September 1, December 1, March 1 and June 1. The permittee shall notify the DEQ that the quarterly payment method will be used by September 1.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.E(1).)

- (f) If at any time within the year the Commission determines that the information submitted by the permittee is insufficient or incorrect, the DEQ will notify the permittee of the deficiencies and the adjusted fee schedule. Past due fees as a result of the adjusted fee assessment will be due at the time of the next scheduled quarterly payment.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.E(1)(b).)

- (g) If an annual fee is not paid within thirty (30) days after the due date, a penalty of ten (10) percent of the amount due shall at once accrue and be added thereto. If the fee is not paid in full (including any interest and penalty within sixty (60) days of the due date), the Permit Board may revoke the permit upon proper notice and hearing as required by law.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.E(1)(a).)

- (h) If the permittee disagrees with the calculation or applicability of an annual 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.D.)

- 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 upon satisfying one of the following conditions:
- (a) Such applicable requirements are included and are specifically identified in the permit; or
 - (b) The Permit Board, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the permittee and the permit includes such determination (or a concise summary thereof).

(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 to register such a plan pursuant to Section 112(r) of the Federal Act.

(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 that is submitted at least six (6) months prior to the date of permit expiration.

If the permittee submits a timely and complete application for permit issuance (including for renewal), the failure to have a Title V permit is not a violation of the applicable 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. 6.2.A(1)(c), R. 6.4.B., and 6.4.C(2).)

1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (Ref.: Section 502(b)(10) of the Federal Act) if the following criteria are met:

- (a) The changes are not modifications under any provision of Title I of the Federal 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 [*i.e.*, at least seven (7) days or such

other time frame as provided in other regulations for emergencies] and the notification includes the following information:

- (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 either the permittee's prepared “Emission Control Action Program(s)” or, in the absence of a prepared Emission Control Action Program, the appropriate requirements and “Emission Reduction Objectives” specified in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 3. – “Regulations for the Prevention of Air Pollution Emergency Episodes” – for the level of emergency declared and the permittee’s source of air contamination.

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

- 1.20 Except as otherwise provided herein, a modification of the permittee’s facility may require a Permit to Construct in accordance with the provisions specified in Regulation 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 Regulation 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 any physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

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

- (c) Use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
- (d) Use of an alternative fuel or raw material by a stationary source which:
 - (1) The source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to Regulation 11 Miss. Admin. Code Pt. 2, Ch. 2. and/or Ch. 5.; or
 - (2) The source is approved to use under any permit issued under Regulation 11 Miss. Admin. Code Pt. 2, Ch. 2. and/or Ch. 5.;
- (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 Regulation 11 Miss. Admin. Code Pt. 2, Ch. 2. or Ch. 5.; or
- (f) Any change in ownership of the stationary source.

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

1.21 An administrative permit amendment may be made by the Permit Board authorizing changes in ownership or operational control consistent with the following procedure:

- (a) The Permit Board shall take action within sixty (60) days after receipt of a completed request for a permit transfer, unless a public hearing is scheduled. The Permit Board may incorporate such changes without providing notice to the public or affected State(s) provided that it designates any such permit revision as having been made pursuant to this paragraph.
- (b) A permit transfer shall be approved upon satisfaction of the following:
 - (1) The applicant for transfer approval can demonstrate to the Permit Board it has the financial resources, operational expertise, and environmental compliance history over the last five (5) years to insure compliance with the terms and conditions of the permit to be transferred, except where this conflicts with State Law, and
 - (2) The Permit Board determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the DEQ.

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

- 1.22 This permit is a Federally approved operating permit under Title V of the Federal Act. All terms and conditions in this permit, including any provisions designed to limit the permittee'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 an Emergency Air Pollution Episode Alert imposed by the Executive Director of DEQ; 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 fifty (50) yards of an occupied dwelling.
- (c) Burning must not occur within 500 yards of commercial airport property, private airfields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

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

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

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

- (i) An upset occurred and that the source can identify the cause(s) of the upset;
 - (ii) The source was at the time being properly operated;
 - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
 - (iv) That within five (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 non-compliance, and the corrective actions taken and;
 - (v) That as soon as practicable but no later than twenty-four (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) Start-ups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
 - (1) Start-ups and shutdowns are part of normal source operation. Emission limitations apply during start-ups and shutdowns unless source specific emission limitations or work practice standards for start-ups 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 Regulation 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for start-ups and shutdowns. Source specific emission limitations or work practice standards established for start-ups 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 start-up or shutdown, see the “Upset” requirements above.

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

- 1.25 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements specified in 40 CFR Part 61, Subpart M (National Emission Standard for Asbestos), 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	Facility Ref. Number	Description
AA-000	--	Plant Wide Fugitive Emissions
AA-002 ¹	20101	2,500 Horsepower (HP) Cooper Bessemer Natural Gas Fired Two Stroke Lean Burn (2SLB) Spark Ignition (SI) Compressor Engine (Serial # 42717)
AA-003 ¹	20102	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 42716)
AA-004 ¹	20103	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 42718)
AA-005 ¹	20104	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 42720)
AA-006 ¹	20105	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 42719)
AA-007 ¹	20106	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 43831)
AA-008 ¹	20107	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 43832)
AA-009 ¹	20108	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 43834)
AA-010 ¹	20109	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 44415)
AA-011 ¹	20110	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 44416)
AA-012 ¹	20111	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 44611)
AA-013 ¹	20112	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 44612)
AA-014 ¹	20113	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 44610)
AA-015 ¹	20114	2,500 HP Cooper Bessemer Natural Gas Fired 2SLB SI Compressor Engine (Serial # 44613)
AA-016 ¹	20135	440 HP LeRoi Natural Gas Fired Four Stroke Rich Burn (4SRB) SI Emergency Generator Engine (Serial # 59X125)
AA-017 ¹	20136	440 HP LeRoi Natural Gas Fired 4SRB SI Emergency Generator Engine (Serial # 59X306)
AA-018	TNK V05A	2,405-gallon horizontal fixed roof condensate storage tank
AA-019	TNK V05B	2,405-gallon horizontal fixed roof condensate storage tank
AA-020	TNK V05C	2,405-gallon horizontal fixed roof condensate storage tank
AA-021 ¹	201-V-5AT-4	1,300-gallon horizontal fixed roof condensate storage tank

Emission Point	Facility Ref. Number	Description
AA-022 ¹	201-V-5AT-5	1,300-gallon horizontal fixed roof condensate storage tank
AA-023	--	Truck Tank Loading
AA-024	--	Natural Gas Blowdowns
AA-025	20137	197 HP John Deere Diesel Fired Compression Ignition (CI) Emergency Generator Engine (Model # 4045HF285)
Upon Certification of Construction²		
AB-000	--	Fugitive emissions from equipment components regulated by 40 CFR Part 60, Subpart OOOOb
AB-001	TBC 01	11,100 hp (88.67 MMBtu/hr) Solar Model Taurus 070-11102S4 natural gas-fired turbine, controlled by an oxidation catalyst
AB-002	TBC 02	18,100 hp (158.99 MMBtu/hr) Solar Model Titan 130-20502S4 natural gas-fired turbine, controlled by an oxidation catalyst
AB-003	TBC 03	11,100 hp (88.67 MMBtu/hr) Solar Model Taurus 070-11102S4 natural gas-fired turbine, controlled by an oxidation catalyst
AB-004	ENGEN 01	1,408 hp natural gas-fired emergency generator with a 4-stroke, rich-burn Waukesha Model VGF48SE engine
AB-005	SGV V01C02	2,005-gallon horizontal separator vessel for pipeline liquids
AB-006	SGV V01C03	2,743-gallon horizontal separator vessel for pipeline liquids
AB-007	SGV V01C04	2,005-gallon horizontal separator vessel for pipeline liquids
AB-008	SGV V04S418B	198-gallon horizontal separator vessel for pipeline liquids
AB-009	SGV V04D418B	198-gallon horizontal separator vessel for pipeline liquids

¹ These emission points will be decommissioned and rendered inoperable upon certification of construction and commissioning of the respective replacement units, Emission Points AB-000 through AB-009.

² Construction of Emission Points AB-000 through AB-009 meet the requirements of a *de minimis* NSR modification and do not require a Permit to Construct.

³The table excludes insignificant activities

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) and (b):

- (a) Start-up operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per start-up in any one hour and not to exceed three (3) start-ups per stack in any twenty-four (24) hour period.
- (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed sixty (60) percent opacity and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour.

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

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

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

3.A.3 The permittee shall not cause, permit, or allow the emission of particles or any contaminants in sufficient amounts or of such duration from any process as to be injurious to humans, animals, plants, or property, or to be a public nuisance, or create a condition of air pollution.

- (a) The permittee shall not cause or permit the handling, transporting, or storage of any material in a manner which allows or may allow unnecessary amounts of particulate matter to become airborne.
- (b) When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance to property other than that from which it originated or to violate any other provision of Regulation 11 Miss. Admin. Code Pt. 2, Ch. 1, the Commission may order such corrected in a way that all air and gases or air and gas-borne material leaving the building or equipment are controlled or removed prior to discharge to the open air.

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

B. EMISSION POINT SPECIFIC EMISSION LIMITATIONS & STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limit / Standard
AA-002 through AA-015 and AB-001 through AB-004	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-002 through AA-015	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), as established in the Air Construction Permit issued September 18, 2015	3.B.2	CO	978.76 MMSCF/YR of pipeline quality natural gas on a rolling 12-month basis of total usage
AA-016 AA-017 AA-025	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.B.3	PM (filterable only)	0.6 lb/MMBTU
AA-002 through AA-017 AA-025 AB-004	40 CFR 63, Subpart ZZZZ NESHAP for Stationary Reciprocating Internal Combustion Engines (RICE) 40 CFR 63.6580; 63.6585; and 63.6590(a)(1)(ii), (a)(1)(iii), (b)(3), (c)(1), and (c)(4); Subpart ZZZZ	3.B.4	HAPs	MACT Applicability
AA-016 AA-017	40 CFR 63.6640(f), Subpart ZZZZ	3.B.5	Hours of operation	Non-emergency operating requirements
AA-025	40 CFR 60, Subpart IIII NSPS for Stationary Compression Ignition Internal Combustion Engines 40 CFR 60.4200(a)(2)(i), 60.4218(a), and Table 8, Subpart IIII	3.B.6	NMHC+NO _x , CO, PM, SO ₂	NSPS Applicability
	40 CFR 60.4205(b), 60.4202(a)(2), 60.4206, Subpart IIII and 40 CFR Part 1039, Appendix I and 40 CFR 1039.105	3.B.7	NMHC+NO _x CO PM Opacity	4.0 g/kw-hr NMHC+NO _x , 5.0 g/kw-hr CO, and 0.3 g/kw-hr PM Limits for acceleration and lugging modes. See condition.
	40 CFR 60.4207(b), Subpart IIII and 40 CFR 1090.305	3.B.8	Diesel fuel requirements	Max sulfur content of diesel fuel ≤15 ppm Min. cetane index of 40 or max aromatic content of 35 volume percent.

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limit / Standard
AA-025	40 CFR 60.4211(c), Subpart IIII	3.B.9	NMHC+NO _x , PM (filterable only), CO	Certified engine requirements
	40 CFR 60.4211(f), Subpart IIII	3.B.10	Hours of Operation	Non-emergency operating requirements
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (2).	3.B.11	Operating requirements	Shutdown and Startup Procedures
AB-000 AB-001 AB-002 AB-003	40 CFR Part 60, Subpart OOOOb – Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification or Reconstruction Commenced After December 6, 2022 40 CFR 60.5360b, 60.5365b(b), and (i), 60.5425b, and Table 5, Subpart OOOOb	3.B.12	VOC, Methane (GHG)	Applicability
AA-018 AA-019 AA-020	40 CFR 60.5365b(e)(2), Subpart OOOOb	3.B.13	VOC	0.67 tpy (12-month rolling total)
			Methane	1.45 tpy (12-month rolling total)
			Throughput	7,560 gal/yr (12-month rolling total)
AB-001 AB-002 AB-003	40 CFR 60.5380b(a)(6)(i) and 60.5380b(a)(7)(iii), Subpart OOOOb	3.B.14	Volumetric flow	≤ 10 scfm flow rate per seal
AB-001 AB-002 AB-003	40 CFR Part 60, Subpart KKKKa – Standards of Performance for Stationary Combustion Turbines 40 CFR 60.4300a, 60.4305a(a) and (b), 60.4416a(a), and Table 3 to Subpart KKKKa	3.B.15	NO _x , SO ₂	Applicability
	40 CFR 60.4320a(a), (b)(1), and (d), 60.4400a, and Table 1, Subpart KKKKa	3.B.16	NO _x	15 ppm @ 15% O ₂ or 24 ng/J (0.055 lb/MMBtu) heat input when operating at greater than 70 percent of base load rating 150 ppm @ 15% O ₂ or 240 ng/J (0.55 lb/MMBtu) when operating at less than or equal to 70 percent of base load rating
	40 CFR 60.4330a(a)(2), Subpart KKKKa	3.B.17	SO ₂	26 ng/J (0.060 lb/MMBtu) heat input
	11 Miss. Admin. Code Pt. 2, R. 2.15.C., as established in the Title V Permit issued [INSERT DATE]	3.B.18	CO, VOC, HAP	Operate and Maintain Oxidation Catalyst
AB-004	40 CFR Part 60, Subpart JJJJ - Standards of Performance for	3.B.19	NO _x , CO, VOC	Applicability

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limit / Standard
	Stationary Spark Ignition Internal Combustion Engines 40 CFR 60.4230(a)(4)(iv), 60.4246, and Table 3 to Subpart JJJJ			
AB-004	40 CFR 60.4233(e), 60.4234, and Table 1, Subpart JJJJ	3.B.20	NO _x	2.0 g/hp-hr (160 ppmvd @ 15% O ₂)
			CO	4.0 g/hp-hr (540 ppmvd @ 15% O ₂)
			VOC	1.0 g/hp-hr (86 ppmvd @ 15% O ₂)
	40 CFR 60.4243(d)(1)-(3), Subpart JJJJ	3.B.21	Hours of Operation	Non-emergency operating requirements

- 3.B.1 For Emission Points AA-002 through AA-015 and AB-001 through AB-004, emissions of particulate matter from fossil fuel burning installations of greater than 10 MMBTU/hr heat input shall not exceed the emission rate as determined by the relationship:

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

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

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

- 3.B.2 For Emission Points AA-002 through AA-015, the compressor engines are limited to a total of 978.76 MMSCF/YR of pipeline quality natural gas on a rolling 12-month basis of total usage.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)., as established in the Air Construction Permit issued September 18, 2015)

- 3.B.3 For Emission Points AA-016, AA-017, and AA-025, emissions of particulate matter from fossil fuel burning installations of less than 10 MMBTU/hr heat input shall not exceed 0.6 lb/MMBTU.

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

- 3.B.4 For Emission Points AA-002 through AA-017, AA-025, and AB-004, the permittee is subject to and shall comply with all applicable requirements of the *National Emission Standards for Hazardous Air Pollutants (HAP) for Stationary Reciprocating Internal Combustion Engines*, 40 CFR Part 63, Subpart ZZZZ.

Emission Points AA-002 through AA-015 are existing spark ignition two stroke lean burn

(2SLB) stationary RICE with a site rating of more than 500 HP located at a major source of HAPs. As such, these engines are not required to meet the requirements of 40 CFR Part 63, Subpart ZZZZ, or the General Provisions in Subpart A.

Emission Points AA-016 and AA-017 are existing spark ignition emergency stationary engines with a site rating less than 500 HP located at a major source of HAPs. As such, these emission points shall meet the operational and scheduled maintenance requirements of 40 CFR Part 63, Subpart ZZZZ.

Emission Point AA-025 is a new compression ignition emergency engine with a site rating of less than 500 HP located at a major source of HAPs. Upon certification of construction for Emission Points AB-000 through AB-009, Emission Point AA-025 will be considered a new compression ignition emergency engine located at an area source. This engine shall meet the requirements of 40 CFR Part 63, Subpart ZZZZ by meeting the requirements of 40 CFR Part 60, Subpart IIII, for compression ignition engines. No further requirements apply under 40 CFR Part 63, Subpart ZZZZ.

Upon certification of construction, Emission Point AB-004 will be a new emergency spark ignition engine located at area source. As such, the engine shall meet the requirements of 40 CFR Part 63, Subpart ZZZZ by meeting the requirements of 40 CFR Part 60, Subpart JJJJ, for spark ignition engines. No further requirements apply under 40 CFR Part 63, Subpart ZZZZ.

(Ref.: 40 CFR 63.6580; 63.6585; and 63.6590(a)(1)(ii), (a)(1)(iii), (b)(3), (c)(1), and (c)(4); Subpart ZZZZ)

3.B.5 For Emission Points AA-016 and AA-017, the permittee shall operate the emergency stationary RICE according to the requirements below. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year is prohibited. If the permittee does not operate the engine according to the requirements below, the engine will not be considered an emergency engine under these subparts and shall meet all requirements for non-emergency engines.

- (a) There is no time limit on the use of emergency stationary RICE in emergency situations.
- (b) The permittee may operate the emergency stationary RICE for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by (c) below counts as part of the 100 hours per calendar year allowed. Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the DEQ for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not

required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

- (c) Each 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.: 40 CFR 63.6640(f), Subpart ZZZZ)

- 3.B.6 For Emission Point AA-025, the permittee is subject to and shall comply with all applicable requirements of the *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines* in 40 CFR 60, Subpart IIII, and the General Provisions of 40 CFR Part 60, Subpart A, as required in Table 8 to Subpart IIII.

(Ref.: 40 CFR 60.4200(a)(2)(i), 60.4218(a), and Table 8, Subpart IIII)

- 3.B.7 For Emission Point AA-025, the permittee shall operate and maintain the engine such that it achieves the following emission standards for the life of the engine:

- (a) Non-methane hydrocarbon and nitrogen oxides (NMHC + NO_x) ≤ 4.0 g/kW-hr
- (b) Carbon monoxide (CO) ≤ 5.0 g/kW-hr
- (c) PM ≤ 0.3 g/kW-hr
- (d) Opacity shall not exceed:
 - (1) 20 percent during the acceleration mode,
 - (2) 15 percent during the lugging mode, and
 - (3) 50 percent during the peaks in either the acceleration or lugging modes.

(Ref.: 60.4205(b), 60.4202(a)(2), and 60.4206, Subpart IIII and 40 CFR Part 1039, Appendix I and 40 CFR 1039.105)

- 3.B.8 For Emission Point AA-025, the permittee shall use diesel fuel that meets the requirements of 40 CFR 1090.305 for nonroad diesel fuel. The fuel shall have a maximum sulfur content of 15 ppm and a minimum cetane index of 40 or a maximum aromatic content of 35 percent volume.

(Ref.: 40 CFR 60.4207(b), Subpart IIII and 40 CFR 1090.305)

- 3.B.9 For Emission Point AA-025, the permittee shall comply with the emission standards in Condition 3.B.7 by purchasing, installing, operating, and maintaining the engine certified to meet the emission standards. The engine shall be installed and configured according to the manufacturer's emission-related specifications.

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

- 3.B.10 For Emission Point AA-025, the permittee shall operate the emergency stationary ICE according to the requirements below. In order for the engine to be considered an emergency stationary ICE, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, 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 IIII and shall meet all requirements for non-emergency engines.

- (a) There is no time limit on the use of emergency stationary ICE in emergency situations.
- (b) The engine may be operated for a maximum of 100 hours per calendar year for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the DEQ for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of 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.: 40 CFR 60.4211(f), Subpart IIII)

- 3.B.11 For Emission Points AB-001, AB-002, and AB-003, the permittee shall permanently shut down Emission Points AA-002 through AA-015 upon startup of Emission Points AB-001, AB-002, and AB-003. For purposes of this condition, "startup" shall be defined as the date the permittee completes shakedown, or commissioning, of Emission Points AB-001, AB-002, and AB-003 such that they are ready to be placed in service at full operation. The shakedown period shall not exceed 180 days. The permittee is only allowed to operate existing emission sources (Emission Points AA-002 through AA-015) and new emission sources (Emission Points AB-001, AB-002, and AB-003) simultaneously during the shakedown period.

The permittee shall continue to comply with applicable requirements for Emission Points AA-002 through AA-017, AA-021, and AA-022 until the units are decommissioned. Upon ceasing operation of Emission Points AA-002 through AA-015, as well as AA-016, AA-017, AA-021, and AA-022, the permit conditions applicable to these emission points herein shall no longer apply. See Condition 5.C.5 for notification requirements related to startup.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (2).)

- 3.B.12 For Emission Points AB-000, AB-001, AB-002, and AB-003, the permittee is subject to and shall comply with all applicable requirements of the *Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification or Reconstruction Commenced After December 6, 2022*, 40 CFR Part 60, Subpart OOOOb, and the applicable General Provisions of 40 CFR 60, Subpart A, as required in Table 5 to Subpart OOOOb. The affected facilities include the centrifugal compressors associated with the turbines (*i.e.*, Emission Points AB-001, AB-002, and AB-003) and the process unit equipment (*i.e.*, Emission Point AB-000).

For Emission Points AA-018, AA-019, and AA-020, the combined potential to emit from all storage vessels is less than 6 tons per year of volatile organic compounds (VOC) or 20 tons per year of methane, therefore the tank battery is not an affected facility under Subpart OOOOb..

For Emission Points AB-005 through AB-009, the separator vessels are classified as process unit equipment under Subpart OOOOb and are exempt from the requirements of Subpart OOOOb according to 40 CFR 60.5365b(f)(2) since the compressor station is not located at an onshore natural gas processing plant.

(Ref.: 40 CFR 60.5360b, 60.5365b(b), (e)(1)-(3), and (i), 60.5425b, and Table 5 to Subpart OOOOb)

- 3.B.13 For Emission Points AA-018, AA-019, and AA-020, upon startup of Emission Points AB-001, AB-002, and/or AB-003, the permittee shall comply with the following limits to ensure potential VOC emissions and potential methane emissions from the tank battery are less than 6 tons per year and 20 tons per year, respectively.
- (a) For each individual tank, limit VOC emissions to 0.67 tons per year, as determined on a 12-month rolling total.
 - (b) For each individual tank, limit methane emissions to 1.45 tons per year, as determined on a 12-month rolling total.
 - (c) For each individual tank, limit the tank throughput volume to 7,560 gallons per year, as determined on a 12-month rolling total.

(Ref.: 40 CFR 60.5365b(e)(2), Subpart OOOOb)

- 3.B.14 For Emission Points AB-001, AB-002, and AB-003, the volumetric flow rate per seal must not exceed 10 standard cubic feet per minute (scfm) per seal, as determined by 40 CFR 60.5380b(a)(7)(iii)(A) or (B). If the individual seals are manifolded to a single open-ended vent line, the volumetric flow rate must not exceed the sum of the individual seals multiplied by 10 scfm.

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

- 3.B.15 For Emission Points AB-001, AB-002, and AB-003, the permittee is subject to and shall comply with all applicable requirements of the *Standards of Performance for Stationary Combustion Turbines*, 40 CFR Part 60, Subpart KKKKa, and the applicable General Provisions of 40 CFR 60, Subpart A, as required in Table 3 to Subpart KKKKa. A stationary combustion turbine subject to Subpart KKKKa is not subject to Subpart GG or KKKK of 40 CFR Part 60. All three turbines are considered medium combustion turbines with a base load rating greater than 50 MMBtu/hr and less than or equal to 850 MMBtu/hr.

(Ref.: 40 CFR 60.4300a, 60.4305a(a) and (b), 60.4416a(a), and Table 3 to Subpart KKKKa)

- 3.B.16 For Emission Points AB-001, AB-002, and AB-003, the permittee shall meet the following input-based NO_x emissions standards during all times that the turbine is operating (including periods of startup, shutdown, and malfunction).

(a) Utilization rate > 45 percent: 15 ppm at 15 percent O₂ or 24 ng/J (0.055 lb/MMBtu)

(b) Utilization rate ≤ 45 percent: 25 ppm at 15 percent O₂ or 40 ng/J (0.092 lb/MMBtu).

For hours with multiple emission standards, the applicable standard for that hour is determined based on the condition, excluding periods of monitor downtime, that corresponds to the highest emissions standard. If a turbine operates at greater than 70 percent of its base load rating, the NO_x emissions shall not exceed 15 ppm @ 15% O₂ or 24 ng/J (0.055 lb/MMBtu). If the turbine operates at less than or equal to 70 percent of its base load rating for any portion of the hour, the applicable NO_x emissions standard for that hour shall be 150 ppmvd at 15% O₂.

Compliance with the NO_x emissions standard shall be demonstrated in accordance with 40 CFR 60.4400a and 40 CFR 60.8.

(Ref.: 40 CFR 60.4320a(a), (b)(1), and (d), 60.4400a, and Table 1, Subpart KKKKa)

- 3.B.17 For Emission Points AB-001, AB-002, and AB-003, the permittee shall meet the input-based SO₂ emissions standard of 26 g/J (0.060 lb/MMBtu) heat input.

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

- 3.B.18 For Emission Points AB-001, AB-002, and AB-003, the permittee shall install and maintain an oxidation catalyst on each turbine to minimize emissions of CO, VOC, and HAP. The oxidation catalysts shall be operated in a manner consistent with the manufacturer's specifications.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.15.C., as established in the Title V Operating Permit issued [INSERT DATE])

- 3.B.19 Emission Point AB-004 is subject to and shall comply with all applicable requirements of the *Standards of Performance for Stationary Spark (SI) Ignition Internal Combustion Engines (ICE)*, 40 CFR Part 60, Subpart JJJJ, and the applicable General Provisions of 40 CFR 60, Subpart A, as required in Table 3 to Subpart JJJJ.

(Ref.: 40 CFR 60.4230(a)(4)(iv), 60.4246, and Table 3 to Subpart JJJJ)

- 3.B.20 For Emission Point AB-004, the permittee shall operate and maintain the engine such that it meets the following standards over the entire life of the engine.

(a) $\text{NO}_x \leq 2.0 \text{ g/hp-hr (160 ppmvd @ 15\% O}_2\text{)}$

(b) $\text{CO} \leq 4.0 \text{ g/hp-hr (540 ppmvd @ 15\% O}_2\text{)}$

(c) $\text{VOC} \leq 1.0 \text{ g/hp-hr (86 ppmvd @ 15\% O}_2\text{)}^1$

¹ When calculating emissions of volatile organic compounds (VOC), emissions of formaldehyde should not be included.

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

- 3.B.21 For Emission Point AB-004, the permittee must operate the emergency stationary ICE according to the following requirements. In order for the engine to be considered an emergency stationary ICE, 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 permittee does not operate the engine according to the requirements in paragraphs (a) through (c) of this condition, the engine will not be considered an emergency engine under the applicable subpart and must meet all requirements for non-emergency engines.

- (a) There is no time limit on the use of emergency stationary ICE in emergency situations.
- (b) The permittee may operate the emergency stationary ICE for a maximum of 100 hours per calendar year for non-emergency use. Any operation for non-emergency situations as allowed by paragraph (c) counts as part of the 100 hours per calendar year allowed by this paragraph (b). The emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the DEQ for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.
- (c) The emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph (b). The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: 40 CFR 60.4243(d)(1)-(3), Subpart JJJJ)

C. INSIGNIFICANT AND TRIVIAL ACTIVITY EMISSION LIMITATIONS & STANDARDS

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

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

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

- 3.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 MMBTU 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	Pollutant / Parameter	Limit / Standard
AA-016 and AA-017	40 CFR 63.6602, 63.6625(h), 63.6625(j), and Item 6 and Footnotes 1 and 2 of Table 2c, Subpart ZZZZ	3.D.1	Maintenance	Scheduled maintenance requirements
	40 CFR 63.6605, Subpart ZZZZ	3.D.2	Operating requirement	Duty to minimize emissions
	40 CFR 63.6625(e)(2) and Item 9 of Table 6, Subpart ZZZZ	3.D.3	Operating requirement	Operation and maintenance
	40 CFR 63.6625(f), Subpart ZZZZ	3.D.4	Operating requirement	Install non-resettable hour meter
	40 CFR 63.6640(a), Subpart ZZZZ	3.D.5	HAPs	Continuous compliance
AA-025	40 CFR 60.4209(a) and 60.4211(a)(1)-(3), Subpart IIII	3.D.6	Operating Requirements	Operating requirements and install non-resettable hour meter
Facility-Wide	40 CFR 60.5371b(d), Subpart OOOOb	3.D.7	Methane	Super-emitter event investigation
AB-000 AB-001 AB-002 AB-003	40 CFR 60.5370b(b), Subpart OOOOb	3.D.8	GHG and VOC	Good air pollution control practices
AB-001 AB-002 AB-003	40 CFR 60.4333a(a), Subpart KKKKa	3.D.9	NO _x , SO ₂	Good air pollution control practices
AB-004	40 CFR 60.4243(b)(1), Subpart JJJJ	3.D.10	NO _x , CO, VOC	Purchase certified engine and operate and maintain it according to the manufacturer's instructions.

3.D.1 For Emission Points AA-016 and AA-017, the permittee shall comply with the following requirements:

- (a) Change the oil and filter every 500 hours of operation, or annually, whichever comes first;
- (b) Inspect the spark plugs 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.

The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in (a) above. The oil analysis shall be performed at the same frequency specified for changing the oil in (a). The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee shall change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee shall change the oil within 2 business days or before commencing operation, whichever is later. The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program shall be part of the maintenance plan for the engine.

If the emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the required schedule, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management 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. Sources shall report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.

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

- 3.D.2 For Emission Points AA-016 and AA-017, the permittee shall be in compliance with the applicable emission limitations, operating limitations, and other requirements in Subpart ZZZZ at all times and shall at all times operate and maintain each engine, 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 the permittee to make any further efforts to reduce emissions if levels required by Subpart ZZZZ have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to 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 sources.

(Ref.: 40 CFR 63.6605, Subpart ZZZZ)

- 3.D.3 For Emission Points AA-016 and AA-017, the permittee shall operate and maintain each engine and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or the permittee shall develop the permittee's own maintenance plan which shall provide to the extent practicable for the maintenance and operation of each engine in a manner consistent with good air pollution control practice for minimizing emissions.

(Ref.: 40 CFR 63.6625(e)(2) and Item 9 of Table 6, Subpart ZZZZ)

- 3.D.4 For Emission Points AA-016 and AA-017, the permittee shall install and operate a non-resettable hour meter on each engine if one is not already installed.

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

- 3.D.5 For Emission Points AA-016 and AA-017, the permittee shall be in continuous compliance with the emission limitations, operating limitations, and other applicable requirements of Table 2c and Item 9 of Table 6 to Subpart ZZZZ.

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

- 3.D.6 For Emission Point AA-025, the permittee shall comply with the following requirements:

- (a) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions. The permittee may change only those emission-related settings that are permitted by the manufacturer. The permittee shall also meet the requirements of 40 CFR Part 1068, as applicable.
- (b) The engine shall install a non-resettable hour meter if one is not already installed.

(Ref.: 40 CFR 60.4209(a) and 60.4211(a)(1)-(3), Subpart IIII)

- 3.D.7 After January 22, 2027, the permittee must initiate a super-emitter event investigation according to 40 CFR 60.5371b(d) within five (5) calendar days of receiving notification from the EPA of the super-emitter event. A super-emitter event is defined as any emissions event that is located at or near the compressor station and that is detected using remote detection methods and has quantified emission rate of 100 kg/hr of methane or greater.

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

- 3.D.8 For Emission Points AB-000, AB-001, AB-002, and AB-003, at all times, including periods of startup, shutdown, and malfunction, the permittee shall maintain and operate the affected units including associated air pollution control equipment in a manner

consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the DEQ which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. The provisions for exemption from compliance during periods of startup, shutdown and malfunctions provided for in 40 CFR 60.8(c) do not apply to 40 CFR Part 60, Subpart OOOOb.

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

- 3.D.9 For Emission Points AB-001, AB-002, and AB-003, the permittee must operate and maintain the stationary combustion turbines, air pollution control equipment, and monitoring equipment in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.

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

- 3.D.10 For Emission Point AB-004, the permittee shall demonstrate compliance with the emission standards in Condition 3.B.20 by purchasing a certified engine and operating and maintaining the certified engine according to the manufacturer's emission-related written instructions. The permittee must also meet the requirements as specified in 40 CFR part 1068, Subparts A through D, as they apply. The permittee may adjust engine settings provided the adjustments are consistent with the manufacturer's instructions.

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

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 terms and conditions contained in this permit (including emission limitations, standards, or work practices) by January 31 of each year for the preceding calendar year. If the permit was reissued or modified during the course of the preceding calendar year, the compliance certification shall address each version of the permit. Each compliance certification shall include the following information:
- (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), and (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 the following information:

- (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 of each calendar year 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 Regulation 11 Miss. Admin. Code Pt. 2, R. 6.2.E.

For applicable periodic reporting requirements in 40 CFR Parts 60, 61, and 63, the permittee shall comply with the deadlines in this condition for reporting conducted on a semiannual basis. Additionally, any required quarterly reports shall be submitted by the end of the month following each calendar quarter period (*i.e.*, April 30, July 31, October

31, and January 31), and any required annual reports shall be submitted by January 31 following each calendar year.

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

(Ref.: 40 CFR 60.19(c), 61.10(g), and 63.10(a)(5))

- 5.A.5 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements (including those attributable to upsets), the probable cause of such deviations, and any corrective actions or preventive measures taken. The 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 respective versions (or their equivalents) approved by the EPA.

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

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

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

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

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

B. SPECIFIC MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Monitoring / Recordkeeping Requirement
AA-002 through AA-015	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.1	Natural gas usage	Monitoring and recordkeeping requirements
AA-002 through AA-017 and AA-025	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.2	Fuel	Monitoring and recordkeeping requirements
AA-016 and AA-017	40 CFR 63.6655(a), (d), and (e)(2), Subpart ZZZZ	5.B.3	HAPs	Recordkeeping requirements
	40 CFR 63.6660, Subpart ZZZZ	5.B.4		Recordkeeping requirements
AA-025	40 CFR 60.4211(g)(2), Subpart IIII	5.B.5	NMHC+NO _x , CO, and PM	Operational, monitoring, and recordkeeping requirements
AA-016, AA-017, and AA-025	40 CFR 60.4214(b), Subpart IIII and 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.6	Operations	Record hours of operation and reason for operation
AB-000	40 CFR 60.5397b(b), (c), and (d), Subpart OOOOb	5.B.7	GHG and VOC	Develop a fugitive emissions monitoring plan
	40 CFR 60.5397b(e), Subpart OOOOb	5.B.8		Fugitive emissions components and exceptions
	40 CFR 60.5397b(f) and (g)(1)(v), Subpart OOOOb	5.B.9		Initial and subsequent fugitive emissions monitoring survey frequency
	40 CFR 60.5397b(h), Subpart OOOOb	5.B.10		Fugitive emissions repair requirements
	40 CFR 60.5397b(k) and 60.5420b(c)(14)(i), (iv), and (v), Subpart OOOOb	5.B.11		General recordkeeping requirements
	40 CFR 60.5397b(i) and 60.5410b(k), Subpart OOOOb	5.B.12		Initial compliance demonstration
	40 CFR 60.5397b(j) and 60.5415b(l), Subpart OOOOb	5.B.13		Continuous compliance demonstration
AB-001 AB-002 AB-003	40 CFR 60.5380b(a)(6)(ii) and (iii), Subpart OOOOb	5.B.14	Volumetric flow	Initial and subsequent flow measurements
	40 CFR 60.5380b(a)(7)(iii) and (8), Subpart OOOOb	5.B.15	Seal repair	Repair or replace rod dry seal within 90 days of exceeding volumetric flow rate standard

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Monitoring / Recordkeeping Requirement
AB-001 AB-002 AB-003	40 CFR 60.5380b(b) and 60.5410b(d)(6), (7), and (8), Subpart OOOOb	5.B.16	GHG and VOC	Initial compliance demonstration
	40 CFR 60.5380b(c) and 60.5415b(d)(2)-(4), Subpart OOOOb	5.B.17	GHG and VOC	Continuous compliance demonstration
	40 CFR 60.5380b(d) and 60.5420b(c)(4), Subpart OOOOb	5.B.18	Volumetric flow, hours of operation	General recordkeeping requirements
AA-018 AA-019 AA-020	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2). and 40 CFR 60.5365b(e)(2), Subpart OOOOb	5.B.19	Throughput	Record monthly and 12-month rolling total throughput to each storage vessel
AB-001 AB-002 AB-003	40 CFR 60.4333a(b), 60.4340a(a)(1), and 60.4400a, Subpart KKKKa	5.B.20	NO _x	Initial and subsequent performance testing
	40 CFR 60.4333a(d)(3) and 60.4415a, Subpart KKKKa	5.B.21	SO ₂	Initial performance test and subsequent records of sulfur content of natural gas
	40 CFR 60.4372a(a) and (b) and 60.4390a(f), Subpart KKKKa	5.B.22		Maintain on-site records documenting total sulfur content
	40 CFR 60.4390a(a), Subpart KKKKa	5.B.23	Records	General recordkeeping requirements
AB-001 AB-002 AB-003	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.B.24	Records	Maintain records of maintenance conducted on the oxidation catalyst
AB-004	40 CFR 60.4237(c) and 60.4245(b), Subpart JJJJ	5.B.25	Hours of operation	Install non-resettable hour meter and record hours of operation
	40 CFR 60.4245(a)(1)-(3), Subpart JJJJ	5.B.26	Records	General recordkeeping requirements

5.B.1 For Emission Points AA-002 through AA-015, the permittee shall monitor and maintain records of the natural gas usage of the combined engines on a monthly basis and for each consecutive 12-month total on a rolling basis.

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

5.B.2 For Emission Points AA-002 through AA-017 and AA-025, the permittee shall monitor the type and quantity of fuel used. These records shall be maintained in accordance with Condition 5.A.3.

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

5.B.3 For Emission Points AA-016 and AA-017, the permittee shall keep the following records in accordance with Condition 5.B.4:

- (a) A copy of each notification and report submitted to comply with 40 CFR Part 63, Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that was 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.D.2, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- (f) Records required in Table 6 to Subpart ZZZZ to show continuous compliance with each applicable operating limitation.
- (g) Records of the maintenance conducted on the stationary RICE in order to demonstrate that each engine and after-treatment control device (if any) was operated and maintained according to the permittee's own maintenance plan.

(Ref.: 40 CFR 63.6655(a), (d), and (e)(2), Subpart ZZZZ)

5.B.4 For Emission Points AA-016 and AA-017, the permittee shall meet the following recordkeeping 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 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.5 For Emission Point AA-025, if the permittee does not install, configure, operate, and maintain the emergency engine and control device according to the manufacturer's emission-related written instructions, or the permittee changes emission-related settings in a way that is not permitted by the manufacturer, the permittee shall keep a maintenance plan and records of conducted maintenance and shall, 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 shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after emission-related settings are changed in a way that is not permitted by the manufacturer.

(Ref.: 40 CFR 60.4211(g)(2), Subpart IIII)

- 5.B.6 For Emission Points AA-016, AA-017, and AA-025, the permittee shall keep records of the operation of the engines in emergency and non-emergency service that are recorded through the non-resettable hour meter. The permittee shall record the time of operation of the engine and the reason the engine was in operation during that time.

(Ref.: 40 CFR 60.4214(b), Subpart IIII and 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).)

- 5.B.7 For Emission Point AB-000, the permittee must develop a fugitive emissions monitoring plan containing the following elements and that covers all fugitive emissions components affected facilities within each company-defined area.

- (a) Frequency for conducting surveys. Surveys must be conducted at least as frequently as required by Condition 5.B.9.
- (b) Technique for determining fugitive emissions (*i.e.*, AVO or other detection methods, Method 21 of appendix A-7 to 40 CFR Part 60, and/or OGI meeting the requirements of paragraph (g) of this condition).
- (c) Manufacturer and model number of fugitive emissions detection equipment to be used, if applicable.
- (d) Procedures and timeframes for identifying and repairing fugitive emissions components from which fugitive emissions are detected, including timeframes for fugitive emission components that are unsafe to repair. The repair schedule must meet the requirements of Condition 5.B.10 at a minimum.

- (e) Procedures and timeframes for verifying fugitive emission component repairs.
- (f) Records that will be kept and the length of time records will be kept.
- (g) If the permittee uses OGI, the plan must also include the elements specified in 40 CFR 60.5397b(c)(7)(i) through (vii). The plan must also include procedures to ensure that all fugitive emissions components, except buried yard piping and associated components (*e.g.*, connectors), are monitored during each survey. Example procedures include, but are not limited to, a sitemap with an observation path, a written narrative of where the fugitive emissions components are located and how they will be monitored, or an inventory of fugitive emissions components.
- (h) If the permittee uses Method 21 of appendix A-7 to 40 CFR Part 60, the plan must also include the elements specified in 40 CFR 60.5397b(c)(8)(i) through (iv). For the purposes of complying with the fugitive emissions monitoring program using Method 21 of appendix A-7 to 40 CFR Part 60, a fugitive emission is defined as an instrument reading of 500 ppmv or greater.

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

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

- 5.B.8 For Emission Point AB-000, each fugitive emissions component, except buried yard piping and associated components (*e.g.*, connectors), shall be observed or monitored for fugitive emissions during each monitoring survey.

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

- 5.B.9 For Emission Point AB-000, the permittee must conduct an initial monitoring survey using OGI or Method 21 of appendix A-7 to 40 CFR Part 60 within 90 days of the increase in compressor station capacity. Subsequent monitoring surveys must be conducted at the frequencies in paragraphs (a) and (b) of this condition.

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

- (b) A monitoring survey must be conducted at least quarterly using OGI or Method 21 of appendix A-7 to 40 CFR Part 60 after the initial survey. Consecutive quarterly monitoring surveys must be conducted at least 60 calendar days apart.

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

5.B.10 For Emission Point AB-000, the permittee shall repair each identified source of fugitive emissions in accordance with the following paragraphs:

- (a) A first attempt at repair shall be made in accordance with paragraphs (a)(1) and (a)(2) of this condition.
 - (1) A first attempt at repair shall be made no later than 15 calendar days after detection of fugitive emissions that were identified using AVO.
 - (2) If the permittee is complying by using OGI or Method 21 of appendix A-7 to 40 CFR Part 60, a first attempt at repair shall be made no later than 30 calendar days after detection of the fugitive emissions.
- (b) Repair shall be completed as soon as practicable, but no later than 15 calendar days after the first attempt at repair as required in paragraph (a)(1) of this condition, and 30 calendar days after the first attempt at repair as required in paragraph (a)(2) of this condition.
- (c) Delay of repair will be allowed if the conditions in 40 CFR 60.5397b(h)(3)(i) or (ii) are met.
- (d) Each identified source of fugitive emissions must be resurveyed to complete repair according to the requirements of 40 CFR 60.5397b(h)(4)(i) through (v), to ensure that there are no fugitive emissions.

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

5.B.11 For Emission Point AB-000, the permittee shall maintain the records identified in paragraphs (a) through (c) of this condition.

- (a) The date of startup (as defined in Condition 3.B.11) of the turbines resulting in an increase to compressor station capacity.
- (b) The fugitive emissions monitoring plan as required in Condition 5.B.7.
- (c) The records of each monitoring survey as specified in paragraphs (c)(1) through (c)(9) of this condition.

- (1) Date of the survey.
- (2) Beginning and end time of the survey.
- (3) Name of operator(s), training, and experience of the operator(s) performing the survey.
- (4) Monitoring instrument or method used.
- (5) Fugitive emissions component identification when Method 21 of appendix A-7 to 40 CFR Part 60 is used to perform the monitoring survey.
- (6) Ambient temperature, sky conditions, and maximum wind speed at the time of the survey. For compressor stations, operating mode of each compressor (*i.e.*, operating, standby pressurized, and not operating-depressurized modes) at the station at the time of the survey.
- (7) Any deviations from the monitoring plan or a statement that there were no deviations from the monitoring plan.
- (8) Records of calibrations for the instrument used during the monitoring survey.
- (9) Documentation of each fugitive emission detected during the monitoring survey, including the information specified in paragraphs (c)(9)(i) through (c)(9)(ix) of this condition.
 - (i) Location of each fugitive emission identified.
 - (ii) Type of fugitive emissions component, including designation as difficult-to-monitor or unsafe-to-monitor, if applicable.
 - (iii) If Method 21 of appendix A-7 to 40 CFR Part 60 is used for detection, record the component ID and instrument reading.
 - (iv) For each repair that cannot be made during the monitoring survey when the fugitive emissions are initially found, a digital photograph or video must be taken of that component or the component must be tagged for identification purposes. The digital photograph must include the date that the photograph was taken and must clearly identify the component by location within the site (*e.g.*, the latitude and longitude of the component or by other descriptive landmarks visible in the picture). The digital photograph or identification (*e.g.*, tag) may be removed after the repair is completed, including verification of repair with the resurvey.

- (v) The date of first attempt at repair of the fugitive emissions component(s).
- (vi) The date of successful repair of the fugitive emissions component, including the resurvey to verify repair and instrument used for the resurvey.
- (vii) Identification of each fugitive emission component placed on delay of repair and explanation for each delay of repair.
- (viii) For each fugitive emission component placed on delay of repair for reason of replacement component unavailability, the operator must document: the date the component was added to the delay of repair list, the date the replacement fugitive component or part thereof was ordered, the anticipated component delivery date (including any estimated shipment or delivery date provided by the vendor), and the actual arrival date of the component.
- (ix) Date of planned shutdowns that occur while there are any components that have been placed on delay of repair.

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

5.B.12 For Emission Point AB-000, to achieve initial compliance with the GHG and VOC standards for fugitive emissions components, the permittee must comply with paragraphs (a) through (e) of this condition.

- (a) The permittee must develop a fugitive emissions monitoring plan as required in Condition 5.B.7.
- (b) The permittee must conduct an initial monitoring survey as required in Conditions 5.B.8 and 5.B.9.
- (c) The permittee must repair each identified source of fugitive emissions for each affected facility as required in Condition 5.B.10.
- (d) The permittee must submit the initial annual report for each fugitive emissions components affected facility as required in Conditions 5.C.6 and 5.C.7.
- (e) The permittee must maintain the records specified in Condition 5.B.11.

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

5.B.13 For Emission Point AB-000, the permittee must demonstrate continuous compliance with the requirements of Conditions 5.B.7 through 5.B.11 according to paragraphs (a) through (d) of this condition.

- (a) Periodic monitoring surveys must be conducted as required in Conditions 5.B.8 and 5.B.9.
- (b) Each identified source of fugitive emissions must be repaired as required in Condition 5.B.10.
- (c) Annual reports must be submitted for fugitive emissions components affected facilities as required in Conditions 5.C.6 and 5.C.7.
- (d) Records must be maintained as specified in Condition 5.B.11.

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

5.B.14 For Emission Points AB-001, AB-002, and AB-003, the permittee must conduct the first volumetric flow rate measurements from each compressor dry seal on or before 8,760 hours of operation after startup using the methods specified in 40 CFR 60.5380b(a)(7)(iii). The permittee must conduct subsequent volumetric flow rate measurements from each compressor dry seal on or before 8,760 hours of operation after the previous measurement which demonstrates compliance with the applicable volumetric flow rate of 10 scfm per seal (or a combined volumetric flow rate not to exceed the sum of the individual seals multiplied by 10 scfm).

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

5.B.15 For Emission Points AB-001, AB-002, and AB-003, if the volumetric flow measurement determined according to Condition 5.B.14 exceeds 10 scfm multiplied by the number of dry seals connected to the vent, the dry seals connected to the measured vent must be repaired within 90 calendar days after the date of the volumetric emissions measurement. The permittee must conduct follow-up volumetric flow rate measurements from seal vents using the methods specified in 40 CFR 60.5380b(a)(7)(iii) within 15 days after the repair to document that the rate has been reduced to less than the sum of the individual seals multiplied by 10 scfm. Delay of repair will be allowed if the conditions in paragraph (a) or (b) of this condition are met.

- (a) If the repair of the dry seal is technically infeasible, would require a vent blowdown, a compressor station shutdown, or would be unsafe to repair during operation of the unit, the repair must be completed during the next scheduled compressor station shutdown for maintenance, after a scheduled vent blowdown, or within two (2) years of the date of the volumetric emissions measurement that exceeds the applicable required flow rate per seal, whichever is earliest. A vent blowdown is

the opening of one or more blowdown valves to depressurize major production and processing equipment, other than a storage vessel.

- (b) If the repair requires replacement of the compressor seal or a part thereof, but the replacement cannot be acquired and installed within the repair timelines specified in this condition due to the circumstances specified in paragraph (b)(1) of this condition, the repair must be completed in accordance with paragraph (b)(2) of this condition and documented in accordance with Condition 5.B.18.

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

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

- 5.B.16 For Emission Points AB-001, AB-002, and AB-003, the permittee must demonstrate initial compliance with the standards in Condition 3.B.14 by complying with paragraphs (a) through (c) of this condition.

- (a) The permittee must maintain volumetric flow rate at or below 10 scfm per seal and must conduct the initial annual volumetric flow rate measurement as required by Condition 5.B.14.
- (b) The permittee must submit the initial annual report required by Conditions 5.C.6 and 5.C.8.
- (c) The permittee must maintain the records specified in Condition 5.B.18.

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

- 5.B.17 For Emission Points AB-001, AB-002, and AB-003, the permittee must demonstrate continuous compliance with the standards in Condition 3.B.14 for each centrifugal compressor by complying with the paragraphs (a) through (c) of this condition.

- (a) The permittee must maintain the volumetric flow rate at or below the flow rate specified in Condition 3.B.14 and must conduct the required volumetric flow rate measurement of each compressor seal vent in accordance with Condition 5.B.14 on

or before 8,760 hours of operation after the last volumetric flow rate measurement which demonstrated compliance with the applicable volumetric flow rate.

- (b) The permittee must submit the annual reports as required in Conditions 5.C.6 and 5.C.8.
- (c) The permittee must maintain records as required in Condition 5.B.18.

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

5.B.18 Emission Points AB-001, AB-002, and AB-003, the permittee must maintain the following records for each centrifugal compressor:

- (a) Records of deviations in cases where the centrifugal compressor was not operated in compliance with the requirements specified in Conditions 5.B.14 and 5.B.15, including a description of each deviation, the date and time each deviation began, and the duration of each deviation in hours.
- (b) Records of the cumulative number of hours of operation since initial startup, or since the previous volumetric flow rate measurement, as applicable.
- (c) A description of the method used and the results of the volumetric flow rate measurement or emissions screening, as applicable.
- (d) Records for all flow meters, composition analyzers and pressure gauges used to measure volumetric flow rates as specified in paragraphs (d)(1) through (6) of this condition.
 - (1) Description of standard method published by a consensus-based standards organization or industry standard practice.
 - (2) Records of volumetric flow rate calculations conducted according to Condition 5.B.14, as applicable.
 - (3) Records of manufacturer operating procedures and measurement methods.
 - (4) Records of manufacturer's recommended procedures or an appropriate industry consensus standard method for calibration and results of calibration, recalibration, and accuracy checks.
 - (5) Records which demonstrate that measurements at the remote location(s) can, when appropriate correction factors are applied, reliably and accurately represent the actual temperature or total pressure at the flow meter under all expected ambient conditions. The permittee must include the date of the

demonstration, the data from the demonstration, the mathematical correlation(s) between the remote readings and actual flow meter conditions derived from the data, and any supporting engineering calculations. If adjustments were made to the mathematical relationships, a record and description of such adjustments.

- (6) Record of each initial calibration or a recalibration which failed to meet the required accuracy specification and the date of the successful recalibration.
- (e) Date when performance-based volumetric flow rate is exceeded.
- (f) The date of successful repair of the compressor seal, including follow-up performance-based volumetric flow rate measurement to confirm successful repair.
- (g) Identification of each compressor seal placed on delay of repair and explanation for each delay of repair.
- (h) For each compressor seal or part needed for repair that is placed on delay of repair because of replacement seal or part unavailability, the permittee must document: the date the seal or part was added to the delay of repair list, the date the replacement seal or part was ordered, the anticipated seal or part delivery date (including any estimated shipment or delivery date provided by the vendor), and the actual arrival date of the seal or part.
- (i) Date of planned shutdowns that occur while there are any reciprocating compressors that have been placed on delay of repair due to the unavailability of rod packing or parts to conduct repairs.

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

- 5.B.19 For Emission Points AA-018, AA-019, and AA-020, the permittee shall monitor and record the monthly tank throughput of pipeline liquids for each storage vessel in units of gallons. To demonstrate compliance with Condition 3.B.13, the 12-month rolling total throughput for each storage vessel shall be determined within 30 days of the end of the previous month.

(Ref: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2). and 40 CFR 60.5365b(e)(2), Subpart OOOOb)

- 5.B.20 For Emission Points AB-001, AB-002, and AB-003, to demonstrate compliance with the NO_x emissions standard in Condition 3.B.16, the permittee must conduct an initial performance test according to 40 CFR 60.8 using the applicable methods in 40 CFR 60.4400a. Thereafter, the permittee must conduct subsequent performance tests within 12 calendar months of the date that the previous performance test was conducted, except

as provided for in paragraphs (a) through (d) of this condition.

- (a) If the NO_x emission result from the most recent performance test is less than or equal to 75 percent of the NO_x emissions standard for the stationary combustion turbine, the permittee may reduce the frequency of subsequent performance tests to 26 calendar months following the date the previous performance test was conducted. If the results of any subsequent performance test exceed 75 percent of the NO_x emissions standard for the stationary combustion turbine, the permittee must resume 14-calendar-month performance testing.
- (b) If a turbine has not operated for the 60 calendar days prior to the due date of a performance test, the permittee is not required to perform the subsequent performance test until 45 calendar days or 10 operating days, whichever is longer, after the next operating day. The DEQ must be notified of recommencement of operation consistent with Condition 5.C.9.
- (c) If the permittee has operated a turbine 168 operating hours or less since the date on which the previous performance test was conducted, the permittee may request that the otherwise required performance test be postponed until the turbine has operated more than 168 operating hours since the date on which the previous performance test was conducted. A request for an extension must be addressed to the DEQ for approval at least 30 calendar days prior to the date on which the performance test is required to be conducted. If a postponement is approved, a performance test must be conducted within 45 calendar days after the day that the turbine reaches 168 hours of operation since the date on which the previous performance test was conducted. When the turbine has operated more than 168 operating hours since the date on which the previous performance test was conducted, the DEQ must be notified consistent with Condition 5.C.9.
- (d) Because Emission Points AB-001 and AB-003 have the same manufacturer and model number, the permittee may request the use of a custom testing schedule by submitting a written request to the DEQ. The minimum requirements of the custom schedule include the conditions specified in paragraphs (d)(1) through (5) of this condition.
 - (1) Emissions from the most recent performance test for each individual turbine are 75 percent or less of the applicable standard;
 - (2) Each stationary combustion turbine uses the same emissions control technology;
 - (3) Each stationary combustion turbine is operated in a similar manner;

- (4) Each stationary combustion turbine and its emissions control equipment are maintained according to the manufacturer's recommended maintenance procedures; and
- (5) A performance test is conducted on each affected facility at least once every five (5) calendar years.

(Ref.: 40 CFR 60.4333a(b), 60.4340a(a)(1), and 60.4400a, Subpart KKKKa)

- 5.B.21 For Emission Points AB-001, AB-002, and AB-003, to demonstrate compliance with the SO₂ emissions standard in Condition 3.B.17, the permittee must conduct an initial performance test by submitting fuel records (such as a current, valid purchase contract, tariff sheet, transportation contract, or results of a fuel analysis) to satisfy the requirements of 40 CFR 60.8. Thereafter, the permittee shall maintain records (such as a current, valid purchase contract, tariff sheet, or transportation contract) documenting that total sulfur content for the initial and subsequent fuel combusted in the stationary combustion turbines at all times does not exceed applicable conditions specified in Condition 5.B.22.

(Ref.: 40 CFR 60.4333a(d)(3) and 60.4415a(a), Subpart KKKKa)

- 5.B.22 For Emission Points AB-001, AB-002, and AB-003, the permittee must maintain on-site records (such as a current, valid purchase contract, tariff sheet, or transportation contract) documenting that total sulfur content for the fuel combusted in the stationary combustion turbines at all times has a potential SO₂ emissions rate of 26 ng/J (0.060 lb/MMBtu) heat input or less.

(Ref.: 40 CFR 60.4372a(a) and (b) and 60.4390a(f), Subpart KKKKa)

- 5.B.23 For Emission Points AB-001, AB-002, and AB-003, the permittee must maintain records of the information used to demonstrate compliance with Subpart KKKKa as specified in 40 CFR 60.7.

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

- 5.B.24 For Emission Points AB-001, AB-002, and AB-003, the permittee shall maintain records of the maintenance conducted on the oxidation catalyst according to the manufacturer's specifications. The maintenance records and written manufacturer's specifications shall be maintained on site and made available upon request by DEQ.

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

- 5.B.25 For Emission Point AB-004, the permittee shall install a non-resettable hour meter on the engine, if one is not already installed. The permittee shall keep records of the hours of

operation of the engine that is recorded through the hour meter. The permittee shall document how many hours are spent in emergency operation, including what classified the operation as an emergency, and how many hours are spent in non-emergency operation.

(Ref.: 40 CFR 60.4237(c) and 60.4245(b), Subpart JJJJ)

5.B.26 For Emission Point AB-004, the permittee shall keep the records of the following information:

- (a) All notifications submitted to comply with Subpart JJJJ and all documentation supporting any notification.
- (b) Maintenance conducted on the engine.
- (c) Documentation from the engine manufacturer that the engine is certified to meet the emission standards in Condition 3.B.20.

(Ref.: 40 CFR 60.4245(a)(1)-(3), Subpart JJJJ)

C. SPECIFIC REPORTING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter Monitored	Reporting Requirement
AA-002 through AA-015	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.C.1	Fuel Quantity	Semiannual fuel usage reports
AA-002 through AA-017 and AA-025	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.C.2	Fuel Content	Semiannual fuel reports
AA-016 and AA-017	40 CFR 63.6640(b), 63.6650(a) through (d) and (f), and Footnote 2 to Table 2d, Subpart ZZZZ	5.C.3	Operations	Deviation reports
AA-016, AA-017, and AA-025	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.C.4	Hours of operation	Semiannual reports
Facility-Wide	11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (2).	5.C.5	Certification of construction	Notification of completion of construction and startup
AB-000 AB-001 AB-002 AB-003	40 CFR 60.5385b(g), 60.5420b(b)(1), and 60.5420b(d)-(f), Subpart OOOOb	5.C.6	Annual reports	General information for annual reports
AB-000	40 CFR 60.5397b(k) and 60.5420b(b)(9), Subpart OOOOb	5.C.7	Annual fugitive emissions reports	Equipment leak-specific information for annual reports
AB-001 AB-002 AB-003	40 CFR 60.5380b(d) and 60.5420b(b)(5), Subpart OOOOb	5.C.8	Annual compressor reports	Compressor-specific information for annual reports
	40 CFR 60.4375a(b)-(j), Subpart KKKKa	5.C.9	Notifications	Notification and reporting requirements
AB-004	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.10	Hours of operation	Annual report summarizing hours of operation in emergency and non-emergency use
AA-018 AA-019 AA-020	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.11	Throughput, VOC and Methane emissions	Annual report of throughput and VOC and methane emissions from the tank battery

5.C.1 For Emission Points AA-002 through AA-015, the permittee shall submit fuel usage reports of the monthly and the rolling 12-month total natural gas usage of the combined engines in accordance with Condition 5.A.4.

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

- 5.C.2 For Emission Points AA-002 through AA-017 and AA-025, the permittee shall submit fuel usage reports summarizing type and quantity of fuel used in accordance with Condition 5.A.4.

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

- 5.C.3 For Emission Points AA-016 and AA-017, the permittee shall report in accordance with Condition 5.A.4 each instance in which the work practices listed in Condition 3.D.1 were not met. 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 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.
- (c) If there was a malfunction during the reporting period, the compliance report shall include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report shall also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with Condition 3.D.2, including actions taken to correct a malfunction.
- (d) If the management practices were not performed on the required schedule because it posed an unacceptable risk under Federal, State, or local law at the time of the required scheduled maintenance, the report shall include the Federal, State, or local law under which the risk was deemed unacceptable.

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

- 5.C.4 For Emission Points AA-016, AA-017, and AA-025, the permittee shall submit in accordance with Condition 5.A.4, a summary report of the hours of operation that includes all the information required by Condition 5.B.6.

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

- 5.C.5 Prior to startup of Emission Points AB-000 through AB-009, the permittee shall notify the DEQ of the completion of construction in accordance with the approved application using the Certification of Construction Form available at <https://www.mdeq.ms.gov/applications-forms/>. The DEQ shall be promptly notified in writing of any change in construction from the previously approved application. The permittee shall also notify the DEQ in writing of the date of startup of the turbines (*i.e.*, Emission Points AB-001, AB-002, and AB-003), as defined in Condition 3.B.11, within 15 days of startup.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (2).)

- 5.C.6 For Emission Points AB-000, AB-001, AB-002, and AB-003, the permittee must submit an initial annual report no later than 90 days after the end of the initial compliance period. Subsequent annual reports shall be submitted by January 31st, according to Condition 5.A.4. The general information specified in paragraphs (a) through (d) of this condition is required for all reports.

- (a) The company name, facility site name associated with the affected facility, and address of the affected facility.
- (b) An identification of each affected facility being included in the annual report.
- (c) Beginning and ending dates of the reporting period.
- (d) A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. If a report is submitted via CEDRI, the certifier's electronic signature during the submission process replaces the requirement in this permit condition.

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

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

5.C.7 For Emission Point AB-000, the permittee shall include the information in paragraphs (a) and (b) of this condition in the annual reports submitted according to Condition 5.C.6.

- (a) Designation of the type of site (*i.e.*, compressor station) at which the fugitive emissions components affected facility is located.
- (b) For each fugitive emissions monitoring survey performed during the annual reporting period, the information specified in paragraphs (b)(1) through (7) of this condition.
 - (1) Date of the survey.
 - (2) Monitoring instrument or, if the survey was conducted by AVO methods, notation that AVO was used.
 - (3) Any deviations from the monitoring plan elements under Condition 5.B.7 or a statement that there were no deviations from these elements of the monitoring plan.
 - (4) Number and type of components for which fugitive emissions were detected.
 - (5) Number and type of fugitive emissions components that were not repaired as required by Condition 5.B.10.
 - (6) Number and type of fugitive emission components (including designation as difficult-to-monitor or unsafe-to-monitor, if applicable) on delay of repair and explanation for each delay of repair.
 - (7) Date of planned shutdown(s) that occurred during the reporting period if there are any components that have been placed on delay of repair.

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

5.C.8 For Emission Points AB-001, AB-002, and AB-003, the permittee shall include the information in paragraphs (a) through (e) of this condition in the annual reports submitted according to Condition 5.C.6.

- (a) An identification of each centrifugal compressor constructed during the reporting period.
- (b) If applicable, for each deviation that occurred during the reporting period and recorded as specified in paragraph Condition 5.B.18, the date and time the deviation began, duration of the deviation in hours and a description of the deviation. If no

deviations occurred during the reporting period, the permittee must include a statement that no deviations occurred during the reporting period.

- (c) The cumulative number of hours of operation since initial startup or since the previous volumetric flow rate measurement, as applicable, which have elapsed prior to conducting the volumetric flow rate measurement or emissions screening.
- (d) A description of the method used and the results of the volumetric flow rate measurement or emissions screening, as applicable.
- (e) Number and type of seals on delay of repair and explanation for each delay of repair.
- (f) Date of planned shutdown(s) that occurred during the reporting period if there are any rod packing replacements/repairs that have been placed on delay of repair.

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

5.C.9 For Emission Points AB-001, AB-002, and AB-003, the permittee must submit the reports in paragraphs (a) through (d) of this condition.

- (a) The notification requirements of 40 CFR 60.8 applicable to the initial and subsequent performance tests.
- (b) When complying with Condition 5.B.20(b), notification to the DEQ within 15 calendar days after the facility recommences operation.
- (c) When complying with Condition 5.B.20(c), notification to the DEQ within 15 calendar days after the facility has operated more than 168 operating hours since the date the previous performance test was required to be conducted.
- (d) Within 60 days after the date of completing each performance test, the permittee must submit the results in EPA's Compliance and Emissions Data Reporting Interface (CEDRI) as specified in 40 CFR 60.4375a(e) through (j), in addition to submitting the test results to the DEQ.

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

5.C.10 For Emission Point AB-004, the permittee shall submit an annual report on January 31st for the preceding calendar year summarizing the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency, and how many hours are spent for non-emergency operation.

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

- 5.C.11 For Emission Points AA-018, AA-019, and AA-020, the permittee shall submit an annual report on January 31st for the preceding calendar year documenting the actual monthly throughput to demonstrate compliance with the potential VOC and methane emissions from tank battery as limited in Condition 3.B.13.

(Ref.: 40 CFR 60.5365b(e)(2), Subpart OOOOb)

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 <https://www.ecfr.gov/> under Title 40, or DEQ shall provide a copy upon request from the permittee.

- 7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.
- 7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
- 7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:
 - (a) All containers in which a class I or class II substance is stored or transported;
 - (b) All products containing a class I substance; and
 - (c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.
- 7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:
 - (a) Servicing, maintaining, or repairing appliances containing class I, class II or non-exempt substitute refrigerants;
 - (b) Disposing of appliances, including small appliances and motor vehicle air conditioners; or
 - (c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, as

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

- 7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.
- 7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:
- (a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;
 - (b) Any person disposing of halons;
 - (c) Manufacturers of halon blends; or
 - (d) Organizations that employ technicians who service halon-containing equipment.

APPENDIX A

List of Abbreviations Used In this Permit

BACT	Best Available Control Technology
bhp	Brake horsepower
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	Department of Environmental Quality
EPA	Environmental Protection Agency
g/hp-hr	Grams per horsepower-hour
g/kW-hr	Grams per kilowatt-hour
gr/dscf	Grains per dry standard cubic foot
hp or HP	Horsepower
HAP	Hazardous Air Pollutant
lb/hr	Pounds per hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBtu/hr	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 Part 61; or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR Part 63
NMVOC	Non-Methane Volatile Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR Part 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
PM _{2.5}	Particulate Matter less than 2.5 µm in diameter
ppm	Parts per million
ppmvd	Parts per million volume dry basis
PSD	Prevention of Significant Deterioration
scf	Standard cubic feet
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction
tpy	Tons per year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VOC	Volatile Organic Compound

LIST OF REGULATIONS REFERENCED IN THIS PERMIT

The full text of the regulations referenced in this permit may be found on-line at <https://www.mdeq.ms.gov/regulations/> and <https://www.ecfr.gov/>. A list of regulations referenced in this permit is shown below:

11 Miss. Admin. Code, Part 2, Ch. 1. – Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Amended May 24, 2018)

11 Miss. Admin. Code, Part 2, Ch. 2. – Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Amended February 22, 2024)

11 Miss. Admin. Code, Part 2, Ch. 6. – Air Emission Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act (Amended June 27, 2024)

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

40 CFR Part 60, Subpart A – General Provisions

40 CFR Part 60, Subpart IIII – Performance Standards for Stationary Compression Ignition Internal Combustion Engines

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

40 CFR Part 60, Subpart KKKKa – Standards of Performance for Stationary Combustion Turbines

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

40 CFR Part 63, Subpart A – General Provisions

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