

STATE OF MISSISSIPPI AIR POLLUTION CONTROL TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Hood Industries Inc.
66 Miles Lumber Company Road
Silver Creek, Mississippi
Lawrence County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Permit Issued: _____

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.: 1500-00020

Draft/Proposed – 06/02/2020

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SECTION 1. GENERAL CONDITIONS

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

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

- 1.2 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

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

- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

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

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

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

- (1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.
- (2) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
- (3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission

standards or other terms or conditions of the permit.

- (4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to be reopened, except that the Permit Board may provide a shorter time period in the case of an emergency.

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

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

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

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

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

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

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(5).)

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

- (a) For purposes of fee assessment and collection, the permittee shall elect for actual or

allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or emission data which supports the estimates of maximum actual emission.

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

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

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

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

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

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

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

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

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

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

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

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

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.2.E.)

- 1.11 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:
 - (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - (b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

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

- 1.12 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after

May 8, 1970, and vented to the atmosphere.

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

- 1.13 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970.

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

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

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

- 1.15 Nothing in this permit shall alter or affect the following:
- (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
 - (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.
 - (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act.

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

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

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

- 1.17 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application.

This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application.

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

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

- (a) the changes are not modifications under any provision of Title I of the Act;
- (b) the changes do not exceed the emissions allowable under this permit;
- (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
 - (1) a brief description of the change(s),
 - (2) the date on which the change will occur,
 - (3) any change in emissions, and
 - (4) any permit term or condition that is no longer applicable as a result of the change;
- (d) the permit shield shall not apply to any Section 502(b)(10) change.

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

1.19 Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in 11 Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared.

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

1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations 11 Miss. Admin.

Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act". Modification is defined as "[a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

- (a) routine maintenance, repair, and replacement;
- (b) use of an alternative fuel or raw material by reason of an order under Sections 2 (a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
- (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
- (d) use of an alternative fuel or raw material by a stationary source which:
 - (1) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51, Subpart I, or 40 CFR 51.166; or
 - (2) the source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Part 51, Subpart I, or 40 CFR 51.166;
- (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
- (f) any change in ownership of the stationary source.

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

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

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

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

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

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

- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
- (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
- (c) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

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

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

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

- (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
- (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
 - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - (2) the permitted facility was at the time being properly operated;
 - (3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein.

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

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

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

- (i) An upset occurred and that the source can identify the cause(s) of the upset;
 - (ii) The source was at the time being properly operated;
 - (iii) During the upset the source took all reasonable steps to minimize levels of emissions that exceeded the emission standard or other requirement of an applicable rule, regulation, or permit;
 - (iv) That within 5 working days of the time the upset began, the source submitted a written report to the Department describing the upset, the steps taken to mitigate excess emissions or any other noncompliance, and the corrective actions taken and;
 - (v) That as soon as practicable but no later than 24 hours of becoming aware of an upset that caused an immediate adverse impact to human health or the environment beyond the source boundary or caused a general nuisance to the public, the source provided notification to the Department.
- (2) In any enforcement proceeding by the Commission, the source seeking to establish the occurrence of an upset has the burden of proof.
- (3) This provision is in addition to any upset provision contained in any applicable requirement.
- (4) These upset provisions apply only to enforcement actions by the Commission and are not intended to prohibit EPA or third party enforcement actions.
- (b) Startups and Shutdowns (as defined in 11 Miss. Admin. Code Pt. 2, R. 1.2.)
 - (1) Startups and shutdowns are part of normal source operation. Emission limitations apply during startups and shutdowns unless source specific emission limitations or work practice standards for startups and shutdowns are defined by an applicable rule, regulation, or permit.
 - (2) Where the source is unable to comply with existing emission limitations established under the State Implementation Plan (SIP) and defined in this regulation, 11 Mississippi Administrative Code, Part 2, Chapter 1, the Department will consider establishing source specific emission limitations or work practice standards for startups and shutdowns. Source specific emission limitations or work practice standards established for startups and shutdowns are

subject to the requirements prescribed in 11 Miss. Admin. Code Pt. 2, R. 1.10.B(2)(a) through (e).

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

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

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

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

SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	30 MMBTU/Hr Direct Fired Kiln permitted to burn Wood Residue with LPG ignition
AA-002	30 MMBTU/Hr Direct Fired Kiln permitted to burn Wood Residue with LPG ignition
AA-003	21 MMBTU/Hr Direct Fired Kiln permitted to burn Wood Residue with LPG ignition
AA-004	Cyclone fed by planer
AA-005	Cyclone that recovers material from Hog to be stored in fuel silo
AA-006	105 HP, 0.735 MMBTU/hr diesel fired Emergency fire pump engine
AA-007	Fugitive emissions from log debarking
AA-008	Sawmill emissions
AA-011	21 MMBTU/Hr Direct Fired Kiln permitted to burn Wood Residue with LPG ignition
AA-012	Fugitive emissions from unpaved roads
AA-013	Portable Tub Grinder with a 670 HP (4.7 MMBTU/hr) Diesel Engine (brought on-site by outside contractor every 3 to 4 weeks)

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SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

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

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

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

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

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

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

B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-001 and AA-002	PSD Construction Permit issued July 25, 2019	3.B.1	SO ₂	500 parts per million by volume (ppmv)
		3.B.2	VOC (WPP1 VOC)	4,636 pounds per thousand board feet (lb/MBF) and 130 tons per year (for Each Kiln) (BACT LIMIT)
		3.B.3	Throughput	56,064 MBF per year (for Each Kiln)
		3.B.4	Fuel Restriction	Uncontaminated Wood Residue and LPG as igniter fuel
AA-001 AA-002 AA-003 AA-011	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.B.5	SO ₂	4.8 pounds per million BTU (lbs/MMBTU) heat input
	11 Miss. Admin. Code Pt. 2, R. 1.3. D(2).	3.B.6	PM	0.3 grains per standard dry cubic foot (gr/dscf)
	40 CFR 63, Subpart DDDD: National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Product 40 CFR 63.2231	3.B.7	HAPs	Applicability
AA-004 AA-005	11 Miss. Admin. Code Pt. 2, R. 1.3. F(1).	3.B.8	PM	$E = 4.1 P^{0.67}$
AA-006	40 CFR 63, Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6585, 40 CFR 63.6595 (a)(1), 40 CFR 63.6602, 40 CFR 63.6605 (a)-(b), CFR 63.6640(a), 40 CFR 63.6625 (i) and Table 2d of Subpart ZZZZ	3.B.9	HAP	Applicability
	40 CFR 63.6605(b)	3.B.10	HAPs	Operating and Maintenance Requirements

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	40 CFR 63.6625 (e)(2), 40 CFR 63.6625(h) and 40 CFR 63.6625(f)	3.B.11	HAPs	Operations, Install non-resettable meter
AA-006, AA-013	11 Miss. Admin. Code Pt. 2, R. 1.3. D(1)(a)	3.B.12	PM, Ash	0.6 pounds per million BTU (lbs/MMBTU)

- 3.B.1 For Emission Points AA-001 and AA-002, except as otherwise provided herein; no person shall cause or permit the emission of gas containing sulfur oxides, measured as sulfur dioxide, (SO₂) in excess of 500 ppm by volume from any process equipment.

(Ref.: PSD Construction Permit issued July 25, 2019)

- 3.B.2 For Emission Points AA-001 and AA-002, the permittee shall limit the emissions of Volatile Organic Compounds (VOCs) to no more than 4.636 pounds per MBF and 130 tons per year of VOCs as VOCs for each kiln as determined by EPA Test Method 25A in Appendix A of 40 CFR Part 60 and OTM 26 – VOC Measurement for the Wood Products Industry.

(Ref.: PSD Construction Permit issued July 25, 2019)

- 3.B.3 For Emission Points AA-001 and AA-002, the permittee shall limit the throughput of lumber through each kiln to no more than 56.064 million board feet (MMBF) or 56,064 thousand board feet (MBF) per year based on a rolling 12-month period.

(Ref.: PSD Construction Permit issued July 29, 2019)

- 3.B.4 For Emission Points AA-001 and AA-002, the permittee is authorized to only utilize uncontaminated wood residue as a fuel source. For the purpose of this permit, “wood residue” is defined as sawdust, bark, green chips, and planer shavings generated from the processing of harvested timber and may be purchased from outside sources. Additionally, the permittee is authorized to use liquefied petroleum gas (LPG) as the igniter fuel during kiln startups.

(Ref.: PSD Construction Permit issued July 29, 2019)

- 3.B.5 For Emission Points AA-001, AA-002, AA-003, and AA-0011, the maximum emissions of sulfur oxides (SO_x) from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input, measured as sulfur dioxide (SO₂).

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

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- 3.B.6 For Emission Points AA-001, AA-002, AA-003, and AA-011, fuel burning operations utilizing a mixture of combustibles such as, but not limited to, fossil fuels plus bark, or spent wood, or water treatment by-products sludge, to produce steam or heat water or any other transfer medium through indirect means may be allowed emission rates up to 0.30 grains of particulate matter per dry standard cubic foot.

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

- 3.B.7 Emission Points AA-001, AA-002, AA-003, and AA-011 (the dry kilns), are subject to 40 CFR 63 Subpart DDDD: National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products. These units are affected sources per 40 CFR 63.2231(a) of the rule, however, the only applicable requirement is an initial notification. There are no applicable monitoring, recordkeeping, or reporting requirements in Subpart DDDD for these emission points.

(Ref.: 40 CFR 63.2231, Subpart ZZZZ).

- 3.B.8 For Emission Points AA-004 and AA-005, no person shall cause, permit, or allow the emission of particulate matter in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets, or combination thereof, to exceed the amount determined by the relationship

$$E = 4.1 p^{0.67}$$

where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour.

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

- 3.B.9 For Emission Point AA-006, the permittee is subject to 40 CFR Part 63, Subpart ZZZZ, the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, (RICE). This unit is an existing compression ignition (CI) stationary RICE located at a major source of HAP emissions and shall comply with all applicable emission limitations and operating limitations.

(Ref.: 40 CFR 63.6585 and 40 CFR 63.6590(a)(1)(ii), 40 CFR 63.6595 (a)(1) and 40 CFR 63.6605(a), Subpart ZZZZ)

- 3.B.10 For Emission Point AA-006, the permittee shall operate and maintain the engine, including any associated air pollution control equipment and monitoring equipment (if applicable), in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further

efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the MDEQ which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records and inspection of the source.

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

- 3.B.11 For Emission Point AA-006, the permittee shall comply with the following requirements:
- a. Operate and maintain the engine according to the manufacturer's emission-related operation and maintenance instructions, or the permittee shall develop and follow a maintenance plan which is consistent with good air pollution control practices for minimizing emissions;
 - b. The permittee shall install and maintain a non-resettable hour meter on the engine;
 - c. The permittee shall also minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

(Ref.: 40 CFR 63.6625(e)(2) & (f) & (h); Subpart ZZZZ)

- 3.B.12 For Emission Point AA-006 and AA-013, for fossil fuel burning of installations less than 10 million BTU per hour heat input, the ash and/or particulate matter shall not exceed 0.6 pounds per million BTU per hour heat input.

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

C. Insignificant and Trivial Activity Emission Limitations & Standards

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

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

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

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

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

D. Work Practice Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
AA-006	40 CFR 63.6602, 63.6625(i), and Table 2c of Subpart ZZZZ	3.D.1	HAPs	Work Practices
	40 CFR 63.6640(f)(1)	3.D.2	HAPs	Operational Requirement

3.D.1 For Emission Point AA-006, the permittee shall comply with the following requirements:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first, or perform an oil analysis on the same frequency in order to extend the oil change requirement. At a minimum, the parameters listed in (1)–(3), below, shall be analyzed; and, if any of the limits are exceeded, change the oil within two days of receiving the results of the analysis. If the engine is not in operation when the results are received, change the oil within two business days or before commencing operation, whichever is later. The oil analysis program must be included in the engine’s maintenance plan;
 - (1) Total Base Number is less than 30 percent of the Total Base Number of the oil when new.
 - (2) Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new.
 - (3) Percent water content (by volume) is greater than 0.5.
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

If the engine is operating during an emergency and it is not possible to shut down the engine in order to perform the maintenance practice according to the schedule listed in (a)–(c) above, or if performing the maintenance 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 maintenance practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated.

(Ref.: 40 CFR 63.6602, 63.6625(i), and Item 1 of Table 2c; Subpart ZZZZ)

- 3.D.2 For Emission Point AA-006, in order to meet the definition of an emergency stationary RICE, the permittee shall operate the engine according to the following:
- (a) There is no time limit on the use of the engine during emergency situations.
 - (b) The engine may be operated for up to 100 hours per year for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. The permittee may petition 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 year.
 - (c) The engine may be operated up to 50 hours per year in non-emergency situations; however, those 50 hours are counted towards the 100 hours per year provided for maintenance and testing in (b) above. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

If the emergency engine is not operated according to the requirements in (a) through (c) above, the engine will not be considered an emergency engine under 40 CFR Part 63, Subpart ZZZZ and will need to meet all requirements for non-emergency engines.

(Ref.: 40 CFR 63.6640(f)(1) – (3); Subpart ZZZZ)

SECTION 4. COMPLIANCE SCHEDULE

- 4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. Each compliance certification shall include the following:
- (a) the identification of each term or condition of the permit that is the basis of the certification;
 - (b) the compliance status;
 - (c) whether compliance was continuous or intermittent;
 - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
 - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit.

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

SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

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

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

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

- (a) the date, place as defined in the permit, and time of sampling or measurements;
- (b) the date(s) analyses were performed;
- (c) the company or entity that performed the analyses;
- (d) the analytical techniques or methods used;
- (e) the results of such analyses; and
- (f) the operating conditions existing at the time of sampling or measurement.

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

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

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

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

Code Pt. 2, R. 6.2.E.

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

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

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

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

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

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

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

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring / Recordkeeping Requirement(s)
AA-001 and AA-002	11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3)(a)(2).	5.B.1	Operate as Designed	Conduct Monthly Inspections
	11 Miss Admin. Code Pt. 2, R. 2.2.B(10).	5.B.2	Final Moisture Content	Monitor and Record Moisture Content of Dried Lumber Processed in Planer Mill
	11 Miss Admin. Code Pt. 2, R. 2.2.B(10).	5.B.3	Work Practice Plan	Perform and Record Inspections / Maintenance Actions in accordance with the Developed Work Practice Standard Plan
AA-001, AA-002, AA-003 and AA-011	11 Miss Admin. Code Pt. 2, R. 2.2.B(10).	5.B.4	VOCs HAPS	Monitor and Maintain the Throughput for Dried Lumber from All Kilns
AA-004 and AA-005	11 Miss. Admin. Code Pt. 2, R. 6.3.A.(3)(a)(2).	5.B.5	Opacity	Perform and Record Weekly Visible Emission Observations
	11 Miss. Admin. Code Pt.2. R.6.3.A(3)(a).	5.B.6	PM	Conduct Weekly Inspections
AA-006	40 CFR 63.6640(a), Item 9 of Table 6; Subpart ZZZZ	5.B.7	HAPs	Operational Requirement
	40 CFR 63.6655(a)(1),(2), and (5) and (e), Subpart ZZZZ	5.B.8		Maintain Maintenance-Related Records
	40 CFR 63.6655(f); Subpart ZZZZ	5.B.9		Maintain Records for the Non-Resettable Hour Meter
	40 CFR 63. 6625(i) and 63.6660, Subpart ZZZZ	5.B.10		Maintain all Records for a Period of Five Years
AA-013	11 Miss Admin. Code Pt. 2, R. 2.2.B(10).	5.B.11	Hourly Restriction	Record Hours Operated on a Monthly Basis

5.B.1 For Emission Points AA-001 and AA-002, the permittee shall perform monthly inspections to ensure that a referenced emission source is operating as designed. If any problem(s) is noted during any inspection, the permittee shall conduct the necessary maintenance to

ensure operation of the emission source as originally designed. The results of all inspections and any maintenance actions (if necessary) shall be recorded and maintained on-site for a minimum of five (5) years.

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

- 5.B.2 For Emission Points AA-001 and AA-002, to indicate compliance with the BACT Limit of 4.636 lb VOC per MBF dried lumber, the permittee shall maintain the minimum moisture content of dried lumber at 12% or greater on an annual average basis. For Emission Points AA-001 and AA-002, the permittee shall monitor and record the moisture content of dried lumber processed after the planer mill. Additionally, the results shall be maintained on-site for a minimum of five (5) years.

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

- 5.B.3 For Emission Points AA-001 and AA-002, the permittee shall perform the inspections and maintenance in accordance with the Developed Work Practice Standard Plan.

All inspections and maintenance actions shall be conducted on the specified schedule as required by the plan. Additionally, the plan shall be maintained on-site and made readily available for review by MDEQ personnel.

If any problem(s) is noted during an inspection, the permittee shall perform the necessary maintenance to ensure operation of the kiln as originally designed. The results from all inspections and any maintenance actions (if necessary) shall be recorded and maintained on-site for a minimum of five (5) years.

The permittee shall submit a semi-annual notification that summarizes any revision(s) made to the maintenance and inspection plan no later than January 31st and July 31st of each calendar year for the preceding six-month period. If an amendment is made to the plan in any six-month period, the permittee shall include the revision(s) within the corresponding semi-annual monitoring report. If no amendments are made within the six-month period, please notify DEQ that no amendments were made during that period in the semiannual report.

(Ref.: PSD Construction Permit issued July 29, 2019)

- 5.B.4 For Emission Points AA-001, AA-002, AA-003 and AA-011, the permittee shall record and maintain the throughput of dried lumber produced monthly in thousand board feet (MBF). Additionally, the permittee shall maintain all recorded data on-site for a minimum of five (5) years.

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

- 5.B.5 For Emission Points AA-004 and AA-005, the permittee shall have a certified visible emission evaluation (VEE) reader perform and record a monthly VEE in accordance with EPA Test Method 9 on the exhaust of each cyclone boiler during daylight hours and during representative operating conditions. Additionally, the overall observation period for a VEE shall last (at a minimum) six (6) consecutive minutes.

In the event that a VEE cannot be conducted, the permittee shall record a written explanation as to why it was not possible to perform the VEE.

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

- 5.B.6 For Emission Points AA-004 and AA-005, the permittee shall perform weekly inspections of the air pollution control equipment. Maintenance shall be performed as necessary to maintain proper operation of the pollution control equipment. Records of weekly inspections and any maintenance performed shall be kept in log form and made available for review upon request by Office of Pollution Control personnel. The permittee shall maintain at all times sufficient parts to repair and/or replace the pollution control equipment.

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

- 5.B.7 For Emission Point AA-006, the permittee shall demonstrate compliance by operating the emergency RICE in accordance with Condition 3.B.14(a).

(Ref.: 40 CFR 63.6640(a), Item 9 of Table 6; Subpart ZZZZ)

- 5.B.8 For Emission Point AA-006, the permittee shall keep the following records:

- (a) A copy of each notification and report that is submitted to comply with Subpart ZZZZ, including 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 actions taken during periods of malfunction to minimize emissions in accordance with Condition 3.B.13, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation

- (d) Records of maintenance conducted on the engine in order to demonstrate that the engine is being operated and maintained according to the manufacturer's emission-related operation and maintenance instructions or the permittee's own maintenance plan as required in Condition 3.B.14(a).

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

- 5.B.9 For Emission Point AA-006, the permittee shall keep the records of the hours of operation for each engine that is recorded through the non-resettable hour meter required in Condition 3.B.14. These records must indicate how many hours are spent for emergency operation and how many hours are spent for non-emergency operation. For each instance of emergency operation, the records should include the date, start time, end time, and an explanation as to what classified the engine's operation as emergency operation. The records should also identify the time spent operating for the specific purposes identified in paragraphs b and c of Condition 3.D.2.

(Ref.: 40 CFR 63.6655(f); Subpart ZZZZ)

- 5.B.10 For Emission Point AA-006, the permittee shall maintain all records for a period of five (5) years in accordance with Condition 5.A.3. These records must be kept in a form suitable and readily available for expeditious review such as a hard copy or electronic format.

(Ref.: 40 CFR 63.6625(i) and 63.6660, Subpart ZZZZ)

- 5.B.11 For Emission Point AA-013, the permittee shall record the number of hours operated on a monthly basis and tracked on a 12-month rolling total basis.

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

C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
AA-001, AA-002, AA-003 and AA-011	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.1	Dry Lumber Production	Submit Semi-Annual Report
AA-001 and	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.C.2	Operations, Work Practice Standarda	

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Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
AA-002	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.3	VOC	
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.C.4	Moisture Content	
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(a)(2).	5.C.5	Maintenance Plan	
AA-004 and AA-005	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.6	Opacity	
	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).	5.C.7	Cyclone Malfunctions	
AA-006	40 CFR 63.6640 (e) and 63.6650(f)	5.C.8	Deviations	
AA-013	11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)	5.C.9	Hours of Operation	

5.C.1 For Emission Points AA-001, AA-002, AA-003 and AA-011, the permittee shall submit a semi-annual report detailing the monthly throughput of dried lumber produced in thousand board feet (MBF) and 12-month rolling totals calculated for each month in the semiannual period no later than January 31st and July 31st of each calendar year for the preceding six-month period.

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

5.C.2 For Emission Points AA-001 and AA-002, the permittee shall submit an annual report detailing any occurrence and duration of the kiln not operating in accordance with established work practice standards and/or the manufacturer's specifications no later than January 31st of each calendar year for the preceding year.

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

5.C.3 For Emission Points AA-001 and AA-002, the permittee shall submit semi-annual reports summarizing the emission rates of Volatile Organic Compounds (VOC), calculated using the recorded monthly throughput required in Condition 5.B.4, for each consecutive 12-month period in thousand board feet (MBF)/year and tons per year measured on a monthly basis and tracked on a 12-month rolling total basis. The reports shall be submitted no later than January 31st and July 31st of each calendar year.

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All records and calculations shall be kept in log form and must be made available for review upon request during any inspection visit by the Office of Pollution Control. All records shall be maintained on site for a period of five (5) years following the date of such record.

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

- 5.C.4 For Emission Points AA-001 and AA-002, the permittee shall submit an annual certification acknowledging if dried lumber processed through the planer mill area complied with the final target moisture content limit of 12% or greater no later than January 31st of each calendar year for the preceding year.

If the certification denotes non-compliance with the minimum moisture content of 12%, the permittee shall include with the annual certification the corrective action(s) taken or proposed to ensure a minimum moisture content of 12% is maintained.

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

- 5.C.5 For Emission Points AA-001 and AA-002, the permittee shall submit a semi-annual notification that summarizes any revision(s) made to the maintenance and inspection plan no later than January 31st and July 31st of each calendar year for the preceding six-month period. If an amendment is made to the plan in any six-month period, the permittee shall include the revision(s) within the corresponding semi-annual monitoring report.

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

- 5.C.6 For Emission Points AA-004 and AA-005, the permittee shall submit a semi-annual report that details the following provisions no later than January 31st and July 31st of each calendar year for the preceding six-month period:

- Any occurrence when a VEE is performed;
- The reason(s) that prompted the VEE;
- Any action(s) taken to correct the issue(s).

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

- 5.C.7 For Emission Points AA-004 and AA-005, the permittee shall submit a semi-annual report that details any occurrence and duration of either denoted cyclone malfunctioning and/or becoming non-operational no later than January 31st and July 31st of each

calendar year for the preceding six-month period. The report shall also outline any maintenance action(s) performed to restore the cyclone(s) to its usual manner of operation.

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

5.C.8 For Emission Point AA-006, the permittee shall report, in accordance with Condition 5.A.4, each instance in which each applicable operating limitation in Condition 3.D.1 was 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 six month 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, including actions taken to correct a malfunction.

(Ref.: 40 CFR Part 63.6640(b) and 63.6650(a) through (d), Subpart ZZZZ)

5.C.9 For Emission Point AA-006, the permittee shall report the annual hours, the engine operated in emergency use, including what constituted the emergency, and the annual hours operated in non-emergency use. These annual hours shall be submitted for each

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calendar year in the semiannual report due January 31st of each year.

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

- 5.C.10 For Emission Point AA-013, the permittee shall report the hours of operation on a 12-rolling total basis.

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

SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

SECTION 7. TITLE VI REQUIREMENTS

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

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

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

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

APPENDIX A

List of Abbreviations Used In this Permit

11 Miss. Admin. Code Pt. 2, Ch. 1.	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
11 Miss. Admin. Code Pt. 2, Ch. 2.	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
11 Miss. Admin. Code Pt. 2, Ch. 3.	Regulations for the Prevention of Air Pollution Emergency Episodes
11 Miss. Admin. Code Pt. 2, Ch. 4.	Ambient Air Quality Standards
11 Miss. Admin. Code Pt. 2, Ch. 5.	Regulations for the Prevention of Significant Deterioration of Air Quality
11 Miss. Admin. Code Pt. 2, Ch. 6.	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
11 Miss. Admin. Code Pt. 2, Ch. 7.	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or National Emission Standards for Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOC	Non-Methane Volatile Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound

APPENDIX B

List of Regulations Referenced in this Permit

11 Miss. Admin. Code, Part 2, Ch. 1. – Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants (Amended November 10, 2016)

11 Miss. Admin. Code, Part 2, Ch. 2. – Permit Regulations for the Construction and/or Operation of Air Emissions Equipment (Amended July 28, 2005)

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 28, 2012)

40 CFR 82, Protection of Stratospheric Ozone

40 CFR Part 63, Subpart DDDD – National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Product

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