

**STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
PERMIT
AND PREVENTION OF SIGNIFICANT
DETERIORATION (PSD) AUTHORITY**

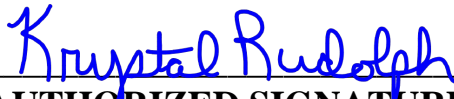
TO CONSTRUCT AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Mission Forest Products, LP
(d.b.a. Mission Forest Products Corinth Sawmill)
70 County Road 277
Corinth, Alcorn County, Mississippi

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with 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 and under authority granted by the Environmental Protection Agency under 40 CFR 52.01 and 52.21.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: February 1, 2021

Permit No.: 0060-00055

SECTION 1. GENERAL CONDITIONS

- 1.1 This permit is for air pollution control purposes only.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D.)
- 1.2 Any activities not identified in the application are not authorized by this permit.

(Ref.: Miss. Code Ann. 49-17-29(1)(b))
- 1.3 The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for operating without a valid permit pursuant to State Law.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(5).)
- 1.4 It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including (but not limited to) all required local government zoning approvals or permits.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.1.D(6).)
- 1.5 The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(7).)
- 1.6 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 the permit, unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(a).)
- 1.7 The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. 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. 2.2.B(15)(b).)
- 1.8 The permit does not convey any property rights of any sort, or any exclusive privilege.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.2.B(15)(c).)

- 1.9 The permittee shall furnish to the Department of Environmental Quality (DEQ) within a reasonable time any information the MDEQ 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 MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the MDEQ 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. 2.2.B(15)(d).)

- 1.10 *Design and Construction Requirements:* The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(1)-(3).)

- 1.11 The necessary facilities shall be constructed to prevent any wastes or other products or substances to be placed in a location where they are likely to cause pollution of the air or waters of the State without the proper environmental permits.

(Ref.: Miss. Code Ann. 49-17-29(1) and (2))

- 1.12 *Fugitive Dust Emissions from Construction Activities:* The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.A(4).)

- 1.13 *General Nuisances:* 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 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.)

1.14 *Right of Entry:* The permittee shall allow the Mississippi Department of Environmental Quality, Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives, upon presentation of credentials:

- (a) To enter at reasonable times upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- (b) To have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air contaminants or waste waters, fuel, process material, or other material which affects or may affect emission of air contaminants from any source.

(Ref.: Miss. Code Ann. 49-17-21)

1.15 *Permit Modification or Revocation:* After notice and opportunity for a hearing, the Permit Board may modify the permit or revoke it in whole or in part for good cause shown including, but not limited to, the following:

- (a) Persistent violation of any of the terms or conditions of this permit;
- (b) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- (c) A change in federal, state, or local laws or regulations that require either a temporary or permanent reduction or elimination of previously authorized air emission.

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

1.16 *Public Record and Confidential Information:* Except for information determined to be confidential under the Mississippi Air and Water Pollution Control Law, all information obtained in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality, Office of Pollution Control.

(Ref.: Miss. Code Ann. 49-17-39)

- 1.17 *Permit Transfer:* This permit shall not be transferred except upon approval of the Permit Board.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.16.B.)

- 1.18 *Severability:* The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the 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. 2.1.D(7).)

- 1.19 *Permit Expiration:* The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance, if construction is suspended for eighteen (18) months or more, or if construction is not completed within a reasonable time. The MDEQ may extend the 18-month period upon a satisfactory showing that an extension is justified.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(1)., R. 2.5.C(4)., and R. 5.2.)

- 1.20 *Certification of Construction:* A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(3).)

- 1.21 *Beginning Operation:* After certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate (whichever is applicable) is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by Mississippi Administrative Code, Title 11, Part 2, Chapter 2, Rule 2.13.G.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).)

- 1.22 *Application for a Permit to Operate:* The application for issuance or modification of the State Permit to Operate or the Title V Permit (whichever is applicable) is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).)

1.23 *Operating Under a Permit to Construct:* Upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).)

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 noncompliance, 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 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 Mississippi Administrative Code, Title 11, 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 1, Rule 1.10.B(2)(a) through (e).
 - (3) Where an upset (as defined in 11 Miss. Admin. Code Pt. 2, R. 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 *General Duty:* All air emission equipment shall be operated as efficiently as possible to minimize emissions of air contaminants.

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

1.26 *Compliance Testing:* Regarding compliance testing:

- (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.
- (b) Compliance testing will be performed at the expense of the permittee.
- (c) Each emission sampling and analysis report shall include but not be limited to the following:
 - (1) Detailed description of testing procedures;
 - (2) Sample calculation(s);
 - (3) Results; and

- (4) Comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.6.B(3), (4), and (6).)

SECTION 2. EMISSION POINT DESCRIPTION

The permittee is authorized to construct and/or modify and operate, upon certification of construction, air emissions equipment, as described in the following table:

EMISSION POINT	DESCRIPTION
AA-000	Facility-Wide [Mission Forest Products, LP (d.b.a. Mission Forest Products Corinth Sawmill)]
AA-001	Haul Roads [paved and unpaved]
AA-002	315 HP (235 kW) Diesel-Fired Emergency Fire Water Pump Engine [max. heat input: 2.21 MMBTU / hour; manufactured after 2019]
AA-100	Green Wood Handling Operations
AA-101	Log Debarking Operations
AA-102	Bark Hog
AA-103	Bark Truck Load-Out Operations [includes the receipt, conveyance, and loading of bark into trucks for off-site shipment]
AA-104	Sawmill Operations
AA-105	Logyard Chipper and Sawmill Chipper [receives and processes residual wood strips from the sawmill]
AA-106	Two (2) Green Wood Chip Screens [separates (by size) woods chips / sawdust received from the Logyard Chipper, the Sawmill Chipper, and the Sawmill Operations]
AA-107	Chip Truck Load-Out Operations [includes the receipt, conveyance, and loading of large green wood into trucks for off-site shipment]
AA-108	Green Wood Fuel Metering Bin [conveys green fine wood chips and sawdust from the Green Wood Chip screens to the Wood Fuel Silos via cyclones]
AA-200	Dry Wood Handling Operations
AA-201a	No. 1 Continuous Direct-Fired Lumber Drying Kiln [equipped with a 45.00 MMBTU / hour wood-fired gasifier burner and an exhaust stack at each end of the kiln]
AA-201b	No. 1 Continuous Direct-Fired Lumber Drying Kiln Gasifier Abort Stack
AA-202a	No. 2 Continuous Direct-Fired Lumber Drying Kiln [equipped with a 45.00 MMBTU / hour wood-fired gasifier burner and an exhaust stack at each end of the kiln]
AA-202b	No. 2 Continuous Direct-Fired Lumber Drying Kiln Gasifier Abort Stack

EMISSION POINT	DESCRIPTION
AA-203	Two (2) Wood Fuel Silo Transfer Cyclones [transfers fine wood chips and sawdust from the Green Wood Fuel Metering Bin and the Dry Wood Fuel Metering Bin to two (2) storage silos for fuel in the gasifier burners]
AA-204	Dry Wood Fuel Metering Bin [conveys dry wood waste received from the Dry Waste Cyclone to the Wood Fuel Silos via cyclones]
AA-205	Planer Mill
AA-206	Planer Mill Hog
AA-207	Dry Wood Waste Cyclone [transfers chipped dry wood waste from the Planer Mill Hog to both the Dry Fuel Metering Bin and the Dry Waste Truck Bin]
AA-208	Dry Wood Waste Truck Load-Out Operations [includes the receipt, conveyance, and loading of dry wood waste into trucks for off-site shipment]
AA-209	Dry Shavings Cyclone [transfers dry wood shavings from the Planer Mill to the Shavings Truck Bin]
AA-210	Dry Shavings Truck Load-Out Operations [includes the receipt, conveyance, and loading of dry wood shavings into trucks for off-site shipment]

SECTION 3. EMISSION LIMITATIONS AND STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-000	11 Miss. Admin. Code Pt. 2, R. 1.3.D.(1)(b).	3.1	PM (filterable)	$E = 4.1 (p^{0.67})$
	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.2	Opacity	40%
AA-001	11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) (PSD BACT Standard)	3.3	PM (filterable) PM ₁₀ / PM _{2.5} (filterable + condensable)	Emissions Control Requirement
AA-002	40 CFR Part 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6585(a), (b) and 63.6590(c)(7); Subpart ZZZZ	3.4	HAPs	General Applicability
	40 CFR Part 60, Subpart III – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines 40 CFR 60.4200(a)(2)(ii); Subpart III	3.5	NMHC + NO _x PM	General Applicability
	40 CFR 60.4205(c) – Table 4, 60.4206, and 60.4211(c); Subpart III	3.6	NMHC + NO _x	4.0 Grams per Kilowatt-Hour (or 3.0 Grams per Horsepower-Hour)
			PM	0.20 Grams per Kilowatt-Hour (or 0.15 Grams per Horsepower-Hour)
	40 CFR 60.4207(b); Subpart III	3.7	Fuel Requirement	15 ppm Sulfur Content (Max.); and 40 Cetane Index (Min.) or 35% Aromatic Content (Max. – by volume)
	40 CFR 60.4209(a); Subpart III 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.8	Hours of Operation	Install Non-Resettable Hour Meter
40 CFR 60.4211(f)(1) – (3); Subpart III	3.9	Operational Requirements	100 Hours / Calendar Year for Maintenance and Readiness Testing; 50 Hours / Calendar Year for Non-Emergency Situations	

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-002	11 Miss. Admin. Code Pt. 2, R. 1.3.D.1(a).	3.10	PM	0.6 Pounds Per MMBTU / Hour Heat Input
AA-104	11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) (PSD BACT Standard)	3.11	PM (filterable) PM ₁₀ / PM _{2.5} (filterable only)	Operational Requirement (Partial Enclosure)
AA-201a AA-202a	11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) (PSD BACT Standard)	3.12	CO	Good Combustion Practices
	11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.13	Fuel Source Restriction	Only Combust Uncontaminated Wood Waste
	11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) (PSD BACT Limits)	3.14	VOCs (as WPP1)	5.87 Pounds / MBF; and 793.0 tpy (Rolling 12-Month Total)
		3.15	Dried Lumber Throughput	270,000.0 MBF / Year (for Both Kilns) (Rolling 12-Month Total)
		3.16	Maximum Operating Temperature	275.0°F (30-Day Block Average)
		3.17	Final Moisture Content	10.0% or Greater (30-Day Block Average)
	40 CFR Part 63, Subpart DDDD – National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products 40 CFR 63.2231(a) and (b); Subpart DDDD	3.18	HAPs	General Applicability
11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	3.19	PM (filterable) PM ₁₀ / PM _{2.5} (filterable + condensable) CO	<i>Start-Up Requirement</i> (for Each Kiln): Route Gasifier Emissions to Abort Stack for ≤ 48 Hours in Total (Rolling 12-Month Total)	
AA-201b AA-202b	11 Miss. Admin. Code Pt. 2, R. 1.3.A.	3.20	Opacity (from smoke)	40%

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Limitation / Standard
AA-203 AA-207 AA-209	11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) (PSD BACT Standard)	3.21	PM (filterable) PM ₁₀ / PM _{2.5} (filterable + condensable)	Operational Requirement (Cyclones)
AA-205	11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) (PSD BACT Standard)	3.22	PM (filterable) PM ₁₀ / PM _{2.5} (filterable only)	Operational Requirement (Total Enclosure)

- 3.1 For Emission Point AA-000 (Facility-Wide), except as otherwise specified herein or limited herein, the permittee shall not cause or allow the emission of particulate matter (PM) in total quantities in any one (1) hour from any manufacturing process (which includes any associated stacks, vents, outlets, or combination thereof) to exceed the amount determined by the following 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).)

- 3.2 For Emission Point AA-000 (Facility-Wide), the permittee shall not discharge into the ambient air from a point source any contaminant of such opacity as to obscure an observer’s view to a degree in excess of forty percent (40%) opacity. This shall not apply to vision obscuration caused by uncombined water droplets.

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

- 3.3 For Emission Point AA-001, the permittee shall minimize the emission of particulate matter-based emissions (i.e. PM; PM₁₀; PM_{2.5}) from haul roads by complying with the following standards:

(a) For High-Traffic Area and Parking Lots:

- (1) Apply a pavement. For the purpose of this permit, “pavement” shall be defined any durable surface material that can adequately sustain vehicular traffic.
- (2) Conduct routine cleaning (as needed).

(b) For Low-Traffic Areas:

- (1) Apply watering and/or a sufficient dust suppressant (as needed).

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5 and 40 CFR 52.21(j) – PSD BACT Standard)

- 3.4 For Emission Point AA-002, the permittee is subject to and shall comply with all applicable requirements found in 40 CFR Part 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). Stationary RICE is “new” if construction or reconstruction commenced on or after June 12, 2006.

For stationary RICE that are new, the permittee shall comply with Subpart ZZZZ by complying the requirements found in 40 CFR Part 60, Subpart IIII. No further requirements apply for such engines under Subpart ZZZZ.

(Ref.: 40 CFR 63.6585(a), (b) and 63.6590(c)(7); Subpart ZZZZ)

- 3.5 For Emission Point AA-002, the permittee is subject to and shall comply with all applicable requirements found in 40 CFR Part 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

(Ref.: 40 CFR 60.4200(a)(2)(ii); Subpart IIII)

- 3.6 For Emission Point AA-002, the permittee shall purchase an engine that complies with the following emission standards:

- (a) Non-Methane Hydrocarbons + Nitrogen Oxides (NMHC + NO_x): 4.0 grams per kilowatt-hour (or 3.0 grams per horsepower-hour); and
- (b) Particulate Matter (PM): 0.20 grams per kilowatt-hour (or 0.15 grams per horsepower-hour).

The engine shall be installed and configured in accordance with the manufacturer’s emission-related specifications. Additionally, the permittee shall operate and maintain the engine in such a manner to achieve the referenced emission standards over the entire life of the engine.

(Ref.: 40 CFR 60.4205(c) – Table 4, 60.4206, and 60.4211(c); Subpart IIII)

- 3.7 For Emission Point AA-002, the permittee shall only combust diesel fuel within the noted engines that meet the following requirements (on a per-gallon basis):

- (a) A maximum sulfur content of fifteen (15) ppm; and
- (b) A minimum cetane index of forty (40) or a maximum aromatic content of thirty-five (35) volume percent.

(Ref.: 40 CFR 60.4207(b); Subpart III)

- 3.8 For Emission Point AA-002, the permittee shall install a non-resettable hour on the engine regardless of whether the permittee is required to do so by a Federal regulation.

(Ref.: 40 CFR 60.4209(a); Subpart III)

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

- 3.9 For Emission Point AA-002, any operation of the engine for any reason other than emergency operation, maintenance and testing, and operation in non-emergency situations for fifty (50) hours per year is prohibited. If an engine is not operated in accordance with Parts (a) through (c) of this condition, the engine will not be considered an emergency engine under the referenced regulation and shall meet all requirements for a corresponding non-emergency engine

- (a) There is no time limit on the use of an engine in emergency situations.
- (b) The permittee may operate an engine 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 accompanied with the engine. Maintenance checks and readiness testing of an engine is limited to a maximum of one hundred (100) hours per calendar year. The permittee may petition the MDEQ for approval of additional hours to be used for maintenance checks and readiness testing. However, a petition is not required if the permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of the engine beyond 100 hours per calendar year.
- (c) The permittee may operate an engine for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing. The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(Ref.: 40 CFR 60.4211(f)(1) – (3); Subpart III)

- 3.10 For Emission Point AA-002, the maximum permissible emission of ash and/or particulate matter (PM; filterable only) shall not exceed 0.6 pounds per million BTU (MMBTU) per hour heat input.

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

- 3.11 For Emission Point AA-104, the permittee shall ensure that the structural integrity of the building and the enclosures that contain the referenced air emissions equipment is sustained as a partial enclosure.

For the purpose of this permit, “partial enclosure” shall be defined any structure comprised of walls or partitions on at least three sides or three-quarters of the perimeter surrounding process equipment to prevent the entrainment of particulate matter into the air at a minimum of ninety percent (90%) control efficiency.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) – PSD BACT Standard)

- 3.12 For Emission Points AA-201a and AA-202a, the permittee shall perform good combustion practices in accordance with the manufacturer’s specifications for the gasifier burners to minimize the emission of carbon monoxide (CO).

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) – PSD BACT Standard)

- 3.13 For Emission Points AA-201a and AA-202a, the permittee shall only utilize uncontaminated wood waste as a fuel source for the gasifier burners. For the purpose of this permit, “uncontaminated wood waste” is defined as any by-product generated from processing harvested timber and/or dried lumber (i.e. sawdust, bark, wood chips, shavings, etc.) that does not possess an artificial coating or residue.

Additionally, the permittee may purchase uncontaminated wood waste from third-party sources if the material meets the aforementioned definition.

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

- 3.14 For Emission Points AA-201a and AA-202a, the permittee shall limit the emission of volatile organic compounds as determined by “Wood Products Protocol 1” (VOCs as WPP1) from each kiln to no more than 5.87 pounds per thousand board feet (MBF).

Additionally, VOC emissions from the combined kilns shall not exceed 793.0 tons per year (tpy) based on a 12-month rolling total.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5 and 40 CFR 52.21(j) – PSD BACT Limit)

- 3.15 For Emission Points AA-201a and AA-202a, the permittee shall limit the total throughput of dried lumber produced from the combined kilns to no more than 270.0 million board feet [or 270,000.0 thousand board feet (MBF)] per year based on a rolling 12-month total.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5 and 40 CFR 52.21(j) – PSD BACT Limit)

- 3.16 For Emission Points AA-201a and AA-202a, the permittee shall limit the maximum operating temperature of each kiln to no more than 275.0 degrees Fahrenheit (°F) based on each 30-day block average.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5 and 40 CFR 52.21(j) – PSD BACT Limit)

- 3.17 For Emission Points AA-201a and AA-202a, the permittee shall limit the final moisture content of lumber dried within each kiln to ten percent (10%) or greater based on each 30-day block average.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5 and 40 CFR 52.21(j) – PSD BACT Limit)

- 3.18 For Emission Points AA-201a and AA-202a, the permittee is subject to and shall comply with all applicable requirements found in 40 CFR Part 63, Subpart DDDD – National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products.

For the purpose of this permit, Emission Points AA-201a and AA-202a are only subject to an initial notification requirement. As this requirement was satisfied with the submission of this application for a Permit to Construct Air Emissions Equipment, no further requirements apply under Subpart DDDD.

(Ref.: 40 CFR 63.2231(a) and (b), Subpart DDDD)

- 3.19 For Emission Points AA-201a and AA-202a, the permittee shall direct the emissions from each gasifier burner to the corresponding kiln at all times, except during periods of burner start-up.

During periods of start-up, the permittee may vent emissions from each burner to the corresponding Kiln Gasifier Abort Stack (i.e. Emission Points AA-201b and AA-202b) for no more than forty-eight (48) hours in total during any rolling 12-month period. Once 48 hours are achieved, the permittee shall either direct burner emissions to the corresponding kiln or cease operation of the burner.

Use of the Kiln Gasifier Abort Stacks for any purpose other than the start-up or shutdown of the dryers constitutes a deviation of this permit and is subject to the deviation reporting requirements specified in Condition 1.24.

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

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

- 3.20 For Emission Points AA-201b and AA-202b, except as otherwise specified, the permittee shall not cause or allow the emission of smoke into the open air from a point source that exceeds forty percent (40%) opacity subject to the exceptions provided as follows:

(a) Start-up operations may produce emissions, which exceed 40% opacity for up to fifteen (15) minutes per start-up in any one (1) hour and not to exceed three (3) start-ups per stack in any twenty-four (24) hour period.

(b) Emissions resulting from soot blowing (i.e. ash removal) operations shall be permitted provided such emissions do not exceed sixty percent (60%) 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 (1) hour.

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

- 3.21 For Emission Points AA-203, AA-207, and AA-209, the permittee shall operate at all times the noted cyclones while the corresponding air emissions equipment are in active operation. If a cyclone malfunctions or stops operating, the permittee shall cease operation of the applicable air emissions equipment until the cyclone is returned to service.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) – PSD BACT Standard)

- 3.22 For Emission Point AA-205, the permittee shall ensure that the structural integrity of the building and the enclosures that contain the referenced air emissions equipment is sustained as a total enclosure.

For the purpose of this permit, “total enclosure” shall be defined as any containment building that is completely enclosed with a floor, walls, and a roof to prevent the entrainment of particulate matter into the air at one hundred percent (100%) control efficiency. The total enclosure must provide an effective barrier against fugitive dust emissions such that the direction of air flow through any openings is inward.

(Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 5. and 40 CFR 52.21(j) – PSD BACT Standard)

SECTION 4. WORK PRACTICE STANDARDS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Work Practice Standard
AA-002	40 CFR 60.4211(a); Subpart IIII	4.1	NMHC + NO _x PM	Perform Compliance Practices

4.1 For Emission Point AA-002, the permittee shall comply with the following practices to maintain compliance the emission standards specified in Condition 3.5:

- (a) Operate and maintain the engine and control device (if any) in accordance with the manufacturer's emission-related written instructions;
- (b) Change only those emission-related settings that are permitted by the manufacturer; and
- (c) Meet the requirements of 40 CFR Part 89, 94, and/or 1068 (as applicable).

(Ref.: 40 CFR 60.4211(a); Subpart IIII)

SECTION 5. MONITORING AND RECORDKEEPING REQUIREMENTS

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Monitoring / Recordkeeping Requirement
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.9.	5.1	Recordkeeping	Maintain Records For a Minimum of Five (5) Years
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.2	PM / PM ₁₀ / PM _{2.5}	Develop, Implement, and Maintain a Best Managements Control Practices Plan for Haul Roads
AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.3	NMHC + NO _x PM	Maintain Documentation that Certifies Applicable Emission Standards
	40 CFR 60.4211(g)(2); Subpart III	5.4		Conduct Compliance Demonstration Actions (As Applicable)
	40 CFR 60.4214(b); Subpart III 11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.5		Record Hours of Operation (Emergency and Non-Emergency)
AA-104 AA-205	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.6	Opacity PM / PM ₁₀ / PM _{2.5}	Perform Weekly Visible Emission Observations
AA-201a AA-202a	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.7	Operational Parameters	Develop, Implement, and Maintain a Work Practices Standards Plan for Kiln Maintenance
		5.8	Dried Lumber Throughput VOCs	Monitor the Total Throughput and Total Emissions from the Combined Kilns (Monthly and 12-Month Rolling Total)
		5.9	Operating Temperature	Continuously Monitor the Operating Temperature (Daily) Determine the Average Operating Temperature (Monthly Average)
		5.10	Final Moisture Content	Continuously Monitor the Moisture Content of Dried Lumber Processed through the Planer Mill (Daily) Determine the Average Moisture Content (Monthly Average)
AA-201b AA-201b	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.11	PM / PM ₁₀ / PM _{2.5} CO	Monitor Date, Time, and Duration of Each Applicable Start-Up Period Calculate Total Duration of All Applicable Start-up Periods (Rolling 12-Month Period)

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant / Parameter	Monitoring / Recordkeeping Requirement
AA-201b AA-201b	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.12	Opacity	Perform Visible Emission Evaluation During Each Start-Up
AA-203 AA-206 AA-207 AA-209	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.13	Opacity PM / PM ₁₀ / PM _{2.5}	Perform Weekly Visible Emission Observations
AA-203 AA-207 AA-209	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	5.14	PM / PM ₁₀ / PM _{2.5}	Perform a Monthly Inspection of Each Cyclone

5.1 For Emission Point AA-000 (Facility-Wide), the permittee shall retain all required records, monitoring data, supporting information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes (but is not limited to) all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to the MDEQ as required by “Applicable Rules and Regulations” of this permit upon request.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

5.2 For Emission Point AA-001, the permittee shall develop, implement, and maintain a plan that details the best management control practices employed on haul roads (both paved and unpaved) to minimize fugitive particulate matter-based emissions. This plan shall include (at the minimum) the following information:

- (a) The frequency in which each best management control practice is performed (to the extent practicable);
- (b) The frequency in which any visual inspection is conducted on haul roads; and
- (c) Any maintenance actions to be performed on haul roads with any sufficient frequency.

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

5.3 For Emission Point AA-002, the permittee shall maintain documentation that certifies the engine complies with the emission standards specified in Condition 3.5. Additionally, the permittee shall maintain records that denote the engine was installed and configured in accordance with the manufacturer’s emission-related specifications.

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

5.4 For Emission Point AA-002, if the permittee does not operate and maintain the engine in accordance with 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 demonstrate compliance through the following actions:

- (a) Keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions; and
- (b) Conduct an initial performance test to demonstrate compliance with the applicable emission standards within one (1) year of start-up, or within one (1) year after an engine is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after the permittee changes emission-related settings in a way that is not permitted by the manufacturer.

(Ref.: 40 CFR 60.4211(g)(2); Subpart III)

5.5 For Emission Point AA-002, the permittee shall monitor and record (via a non-resettable hour meter) the hours of operation on a monthly basis for both emergency and non-emergency service. Additionally, the permittee shall detail what classified each occurrence as either an emergency or a non-emergency.

(Ref.: 40 CFR 60.4214(b); Subpart III)

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

5.6 For Emission Points AA-104 and AA-205, the permittee shall perform and record a monthly visible emission observation in accordance with EPA Test Method 22 on the ambient air outside each enclosure during daylight hours and during representative operation conditions.

If visible emissions are detected during an observation, the permittee shall determine the cause of the visible emissions and implement the necessary corrective actions to prevent further emissions.

The permittee shall maintain documentation pertaining to all visual observations, the nature and cause of any visible emissions, any corrective actions taken to prevent emissions, and the date / time when visual emission observations were conducted. Additionally, the permittee shall maintain all documentation that details any maintenance actions (preventative, corrective, etc.) performed on an enclosure to maintain the applicable control efficiency.

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

5.7 For Emission Point AA-201a and AA-202a, the permittee shall develop, implement, and maintain a plan that establishes work practice standards in accordance with the

manufacturer's specifications for continuous direct-fired kiln operations. The plan shall establish a routine for conducting preventative maintenance on the kilns that includes the following actions (at a minimum):

- (a) Conducting walk-around inspections;
- (b) Confirming proper wet-bulb operation;
- (c) Conducting entrance / exit baffle inspections;
- (d) Checking wet-bulb wicks for integrity;
- (e) Greasing the kiln cart wheels and fan shaft bearings;
- (f) Checking hydraulic oil levels;
- (g) Calibrating moisture content equipment (as applicable);
- (h) Calibrating temperature probe equipment;
- (i) Conducting gasifier burner clean-outs and tune-ups;
- (j) Checking for leaks in kiln pipe-work; and
- (k) Checking shaft seals at wall penetrations (as applicable).

All inspections and maintenance actions shall be conducted on the specified schedule as required by the plan. If any problem is noted during an inspection, the permittee shall perform the necessary maintenance to ensure operation of a kiln as originally designed.

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

- 5.8 For Emission Points AA-201a and AA-202a, the permittee shall monitor and record the total throughput of dried lumber produced by the combined kilns in thousand board feet (MBF) on both a monthly and a 12-month rolling total basis.

Additionally, the permittee shall utilize the throughput data and the emission factor specified in Condition 3.14 to calculate and record the total emission of volatile organic compounds (VOCs) from the combined kilns both a monthly and a 12-month rolling total basis.

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

- 5.9 For Emission Points AA-201a and AA-202a, the permittee shall demonstrate compliance with the maximum operating temperature limitation specified in Condition 3.15 by continuously monitoring and maintaining the operating temperature of each kiln on a daily

basis. This monitoring data shall be utilized to determine the operating temperature of each kiln based on a monthly average.

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

- 5.10 For Emission Points AA-201a and AA-202a, the permittee shall demonstrate compliance with moisture content limitation specified in Condition 3.16 by continuously monitoring and maintaining the moisture of dried lumber processed in the planer mill on a daily basis. This monitoring data shall be utilized to determine the moisture content based on a monthly average.

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

- 5.11 For Emission Points AA-201b and AA-202b, the permittee shall monitor and record the date, time, and duration of every start-up period experienced by each gasifier burner in which emissions are diverted to the corresponding abort stack. Additionally, the permittee shall calculate and record the total duration of all applicable start-up periods for each burner in hours per year based on a rolling 12-month period.

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

- 5.12 For Emission Points AA-201b and AA-202b, the permittee shall perform and record a visible emissions evaluation (VEE) in accordance with EPA Test Method 9 on the exhaust of each abort stack during each start-up period in which emissions from a gasifier burner are diverted to the corresponding abort stack.

In the event that a VEE cannot be performed during a start-up period, the permittee shall record a written explanation as to why it was not possible to perform the VEE.

The permittee shall maintain all documentation and information specified by EPA Test Method 9, any corrective actions taken to prevent or minimize emissions as a result of the evaluation, and the date / time when each evaluation was conducted.

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

- 5.13 For Emission Points AA-203, AA-206, AA-207, and AA-209, the permittee shall perform a weekly visible emissions observation in accordance with EPA Test Method 22 on the exhaust of each cyclone during daylight hours and during representative operating conditions.

If visible emissions are detected during an observation, the permittee shall immediately perform a visible emissions evaluation (VEE) in accordance with EPA Test Method 9. In the event that a VEE is required but cannot be conducted on a denoted cyclone, the permittee shall record a written explanation as to why it was not possible to perform the VEE.

The permittee shall maintain all documentation and information pertaining to each observation / evaluation, the nature and cause of any visible emissions, any corrective action(s) taken to prevent or minimize emissions, and the date / time when visual emission observations / evaluations were conducted.

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

5.14 For Emission Points AA-203, AA-207, and AA-209, the permittee shall perform and record a monthly inspection on each cyclone to ensure that each unit is operating as originally designed. An inspection shall evaluate (at a minimum) the following components:

- (a) Blowers;
- (b) Air lock valves;
- (c) Fans; and
- (d) Any piping associated with a cyclone.

If any problem is noted during an inspection, the permittee shall conduct and record the necessary maintenance action(s) to ensure operation of the cyclone as originally designed.

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

SECTION 6. REPORTING REQUIREMENTS

6.1 General Reporting Requirements:

- (a) 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. 2.2.B(11).)

- (b) Beginning upon issuance of this permit and lasting until issuance or modification of the applicable operating permit, the permittee shall submit reports of any required monitoring by July 31st and January 31st 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 Mississippi Administrative Code, Title 11, Part 2, Chapter 2, Rule 2.1.C.

Where no monitoring data is required to be reported and/or there are no deviations to report, the report shall contain the appropriate negative declaration. For any air emissions equipment not yet constructed and/or operating the report shall so note and include an estimated date of commencement of construction and/or start-up (whichever is applicable).

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.9.)

- (c) Any document required by this permit to be submitted to the MDEQ shall contain a certification signed by a responsible official stating 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. 2.2.B(11).)

- (d) Within fifteen (15) days of beginning actual construction, the permittee must notify MDEQ in writing that construction has begun.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(2).)

- (e) The permittee must notify MDEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.C(3).)

- (f) Upon the completion of construction or installation of an approved stationary source or modification, and prior to commencing operation, the applicant shall notify the Permit Board that construction or installation was performed in accordance with the approved plans and specifications on file with the Permit Board no later than fifteen (15) days after completing construction / installation.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 2.5.D(1) and (3).)

- (g) The Permit Board shall be promptly notified in writing of any change in construction from the previously approved plans and specifications or permit. If the Permit Board determines the changes are substantial, it may require the submission of a new application to construct with “as built” plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an “as built” application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law.

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

Specific Reporting Requirements:

Emission Point(s)	Applicable Requirement	Condition Number	Reporting Requirement
AA-000	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.2	Submit a Notification on the Initial Start-Up on Operations
		6.3	Submit Semi-Annual Monitoring Report (SMR) on Operational Data
AA-001	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.4	Submit the Best Management Control Practices Plan
AA-002	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.5	Submit an Annual Summary on the Hours of Operation
AA-201a AA-202a	11 Miss. Admin. Code Pt. 2, R. 2.2.B(11).	6.6	Submit the Work Practice Standards Plan

- 6.2 For Emission Point AA-000 (Facility-Wide), the permittee shall notify the MDEQ in writing on the initial start-up of on-site operations no later than fifteen (15) days after the actual date.

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

- 6.3 For Emission Point AA-000 (Facility-Wide), the permittee shall submit a semi-annual monitoring report (SMR) in accordance with Condition 6.1(b) that details the following information:

- (a) Any revision(s) made to the Best Managements Control Practices Plan (for haul roads) and/or the Work Practice Standards Plan (for kilns);
- (b) Any maintenance actions performed on the applicable enclosures in order to maintain the control efficiencies specified in Condition 3.11 or 3.22 (as applicable);
- (c) The total dried lumber throughput produced from the combined kilns in thousand board feet (MBF) on a rolling 12-month total;
- (d) The average operating temperature of each kiln during each month;
- (e) The average moisture content of all dried lumber processed during each month;
- (f) The number of start-up periods experienced for each gasifier burner in which emissions are diverted to the corresponding abort stack;
- (g) The total duration all start-up periods for each gasifier burner in which emissions are diverted to the corresponding abort stack based on a rolling 12-month total;
- (h) The average opacity of each start-up period; and
- (i) Any maintenance action(s) performed on a cyclone and any periods of time in which a cyclone was non-operational during active operations.

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

- 6.4 For Emission Point AA-001, the permittee shall submit the initial Best Management Control Practices Plan required by Condition 5.2 to the MDEQ for review no later than thirty (60) days after certifying completion of construction.

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

- 6.5 For Emission Point AA-002, the permittee shall submit a summary within the semi-annual monitoring report (SMR) postmarked by January 31st that details the hours of operation for the engine during the preceding calendar year. The report shall include how many hours are spent for emergency operation, what classified the operation as an emergency, how many hours are spent for non-emergency operation, and the reason for the non-emergency operation.

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

- 6.6 For Emission Points AA-201a and AA-202a, the permittee shall submit the initial Work Practices Standards Plan required by Condition 5.7 to the MDEQ for review no later than thirty (60) days after certifying completion of construction.

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