Alabama Department of Environmental Management

MAJOR SOURCE OPERATING PERMIT

PERMITTEE: WEYERHAEUSER NR COMPANY

FACILITY NAME: WEYERHAEUSER EVERGREEN EWP

FACILITY/PERMIT NO.: 103-0012

LOCATION: CASTLEBERRY, CONECUH COUNTY, ALABAMA

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, Ala. Code §§ 22-28-1 to 22-28-23, as amended, the Alabama Environmental Management Act, Ala. Code §§ 22-22A-1 to 22-22A-17, as amended, and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

Pursuant to the Clean Air Act of 1990, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the Clean Air Act of 1990 are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.

Issuance Date: DRAFT

Effective Date:

Expiration Date:

Alabama Department of Environmental Management

DRAFT

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General Permit Provisos

Federally Enforceable Provisos	Regulations
1. Transfer	
This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in ADEM Admin. Code r. 335-3-16-.13(1)(a)5.	ADEM Admin. Code r. 335-3-16-.02(6)
2. Renewals	
An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.	ADEM Admin. Code r. 335-3-16-.12(2)
The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.	
3. Severability Clause	
The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivisions, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.	ADEM Admin. Code r. 335-3-16-.05(e)
4. Compliance	
(a) The Permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the Permittee.	ADEM Admin. Code r. 335-3-16-.05(f)
(b) The Permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.	ADEM Admin. Code r. 335-3-16-.05(g)
5. Termination for Cause	
This permit 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 will not stay any permit condition.	ADEM Admin. Code r. 335-3-16-.05(h)

General Permit Provisos	
Federally Enforceable Provisos	**Regulations**
6. Property Rights The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.	ADEM Admin. Code r. 335-3-16-.05(i)
7. Submission of Information The Permittee must submit to the Air Division, within 30 days or for such other reasonable time as the Air Division may set, any information that the Air Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the Permittee shall also furnish to the Air Division copies of records required to be kept by this permit.	ADEM Admin. Code r. 335-3-16-.05(j)
8. Economic Incentives, Marketable Permits, and Emissions Trading 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.	ADEM Admin. Code r. 335-3-16-.05(k)
9. Certification of Truth, Accuracy, and Completeness Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.	ADEM Admin. Code r. 335-3-16-.07(a)
10. Inspection and Entry Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following: (a) Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit;	ADEM Admin. Code r. 335-3-16-.07(b)

Federally Enforceable Provisos	Regulations
(c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;	
(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.	
11. Compliance Provisions	
(a) The Permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.	ADEM Admin. Code r. 335-3-16-.07(c)
(b) The Permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.	
12. Compliance Certification	
The Permittee shall submit a complete and accurate compliance certification by March 22nd of each year for each annual reporting period of this permit (January 23rd – January 22nd).	ADEM Admin. Code r. 335-3-16-.07(e)
(a) The compliance certification shall include the following:	
(1) The identification of each term or condition of this permit that is the basis of the certification;	
(2) The compliance status;	
(3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with ADEM Admin. Code r. 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);	
(4) Whether compliance has been continuous or intermittent;	
(5) Such other facts as the Air Division may require to determine the compliance status of the source;	
(b) The compliance certification shall be submitted to:	

Federally Enforceable Provisos	Regulations
Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 and to: EPA Region 4 via email at EPA_R4_CAA_Reports@epa.gov or through the EPA's Compliance and Emissions Data Reporting Interface (CEDRI)	
13. Reopening for Cause	
Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit: (a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the Permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. (b) 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 this permit. (c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. (d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.	ADEM Admin. Code r. 335-3-16-.13(5)
14. Additional Rules and Regulations	
This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.	§22-28-16(d), Code of Alabama 1975, as amended

General Permit Provisos	
Federally Enforceable Provisos	**Regulations**
15. Equipment Maintenance or Breakdown	
(a) In case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Air Division at least (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following: (1) Identification of the specific facility to be taken out of service as well as its location and permit number; (2) The expected length of time that the air pollution control equipment will be out of service; (3) The nature and quality of emissions of air contaminants likely to occur during the shutdown period; (4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; (5) The reasons that it would be impossible or impractical to shut down the sources operation during the maintenance period.	ADEM Admin. Code r. 335-3-1-.07(1),(2)
(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.	
16. Operation of Capture and Control Devices	
All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.	§22-28-16(d), Code of Alabama 1975, as amended

General Permit Provisos	
Federally Enforceable Provisos	**Regulations**
17. Obnoxious Odors	
This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.	ADEM Admin. Code r. 335-3-1-.08
18. Fugitive Dust	
(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.	ADEM Admin. Code r. 335-3-4-.02
(b) Plant or haul roads and grounds shall be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds: (1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic; (2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created; (3) By paving; (4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions. Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Air Division prior to utilization.	
19. Additions and Revisions	
Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.	ADEM Admin. Code r. 335-3-16-.13 and 335-3-16-.14
20. Recordkeeping Requirements	
(a) Records of required monitoring information of the source shall include the following:	ADEM Admin. Code r. 335-3-16-.05(c)2.

Federally Enforceable Provisos	Regulations
(1) The date, place, and time of all sampling or measurements; (2) The date analyses were performed; (3) The company or entity that performed the analyses; (4) The analytical techniques or methods used; (5) The results of all analyses; and (6) The operating conditions that existed at the time of sampling or measurement. (b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit.	
21. <u>Reporting Requirements</u>	
(a) Reports to the Air Division of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with ADEM Admin. Code r. 335-3-16-.04(9). (b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those attributable to upset conditions as defined in the permit. The report shall include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.	ADEM Admin. Code r. 335-3-16-.05(c)3.
22. <u>Emission Testing Requirements</u>	
Each point of emission which requires testing shall be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised. The Air Division must be notified in writing at least 20 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.	ADEM Admin. Code r. 335-3-1-.05(3) and 335-3-1-.04(1)

Federally Enforceable Provisos	Regulations
To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:	ADEM Admin. Code r. 335-3-1-.04
(a) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.	
(b) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures requires probe cleaning).	
(c) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.	
(d) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.	
A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.	ADEM Admin. Code r. 335-3-1-.04
All test reports must be submitted to the Air Division within **60 days** of the actual completion of the test unless an extension of time is specifically approved by the Air Division.	
23. Payment of Emission Fees	
(a) The Permittee shall remit the annual Operating Permit Fees required by ADEM Admin. Code r. 335-1-7-.04 according to the schedule in ADEM Admin. Code r. 335-1-7-.05.	ADEM Admin. Code r. 335-1-7-.05
(b) The Permittee shall submit its estimate of actual emissions for the previous calendar year according to the schedule in ADEM Admin. Code r. 335-1-7-.05.	ADEM Admin. Code r. 335-1-7-.05
24. Other Reporting and Testing Requirements	
Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.	ADEM Admin. Code r. 335-3-1-.04(1)

General Permit Provisos	
Federally Enforceable Provisos	**Regulations**
25. Title VI Requirements (Refrigerants)	
Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR 82, Subpart F.	ADEM Admin. Code r. 335-3-16-.05(a)
No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR 82, Subpart F.	
The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR §82.166. Reports shall be submitted to the US EPA and the Department as required.	
26. Chemical Accidental Prevention Provisions	
If a chemical listed in Table 1 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:	40 CFR 68
(a) The owner or operator shall comply with the provisions in 40 CFR 68.	
(b) The owner or operator shall submit one of the following:	
(1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR §68.10(a) or,	
(2) A certification statement that the source is in compliance with all requirements of 40 CFR 68, including the registration and submission of the Risk Management Plan.	
27. Display of Permit	
This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and shall make the permit readily available for inspection by any or all persons who may request to see it.	ADEM Admin. Code r. 335-3-14-.01(1)(d)
28. Circumvention	
No person shall cause or permit the installation or use of any device or any means which, without resulting in the reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.	ADEM Admin. Code r. 335-3-1-.10

General Permit Provisos	
Federally Enforceable Provisos	**Regulations**
29. Visible Emissions	
Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.	ADEM Admin. Code r. 335-3-4-.01(1)
30. Fuel-Burning Equipment	
Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.03.	ADEM Admin. Code r. 335-3-4-.03
Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-5-.01.	ADEM Admin. Code r. 335-3-5-.01
31. Process Industries – General	
Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.04.	ADEM Admin. Code r. 335-3-4-.04
32. Averaging Time for Emission Limits	
Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.	ADEM Admin. Code r. 335-3-1-.05
33. Open Burning	
Precautions should be taken to ensure that no person shall ignite, cause to ignite, permit to be ignited, or maintain any open fire in such a manner as to cause the Department's rules and regulations applicable to open burning to be violated.	ADEM Admin. Code r. 335-3-3-.01
34. Permit Shield	
A Permit Shield exists under this operating permit in accordance with ADEM Admin. Code r. 335-3-16-.10 in that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in this operating permit.	ADEM Admin. Code r. 335-3-16-.10

Emission Unit No. 001 (Thermal Oil Heater)

Summary Page

Description: 16 MMBtu/hr Gas-Fired Thermal Oil Heater

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
B-1	Thermal Oil Heater Stack	PM	$E = 1.38H^{-0.44}$	ADEM Admin. Code r. 335-3-4-.03
		SO_2	4 lb/MMBtu Heat Input	ADEM Admin. Code r. 335-3-5-.01(1)(b)
		VOC	N/A	N/A
		NOx	N/A	N/A
		CO	N/A	N/A
		HAP	N/A	40 CFR 63, Subpart DDDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(107)]

Emission Unit No. 001 (Thermal Oil Heater)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) This unit is subject to the Standards of Performance for New Stationary Sources; Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subpart D_C for record keeping only.	40 CFR 60, Subpart D_C
(c) This unit is subject to the applicable requirements of 40 CFR 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters and the applicable requirements of 40 CFR 63, Subpart A, General Provisions as provided in Table 10 to Subpart DDDDD.	ADEM Admin. Code r. 335-3-11-.06(107) and 40 CFR 63, Subpart DDDDD
2. Emission Standards	
(a) The Permittee shall not cause or allow the emission of particulate matter from this unit in excess of the amount determined by the use of the following equation: $E = 1.38H^{-0.44}$ where E = Emissions in lb/MMBtu P = Heat input in MMBtu/hr	ADEM Admin. Code r. 335-3-4-.03(1)
(b) The Permittee shall not cause or allow the emission of sulfur dioxide from this unit in excess of 4 lb/MMBtu of heat input.	ADEM Admin. Code r. 335-3-5-.01(1)(b)
(c) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from this unit. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from this boiler.	ADEM Admin. Code r. 335-3-4-.01
(d) This unit is limited to firing natural gas or propane only. The Permittee shall receive prior approval from the ADEM Air Division before burning any other type fuel in this unit.	ADEM Admin. Code r. 335-3-16-.05(a)
(e) The Permittee shall conduct tune-ups annually on this unit as specified in 40 CFR §63.7540(a)(10), 40 CFR §63.7515(d) and Table 3 to 40 CFR Subpart 63, Subpart DDDDD. Each tune-up shall be conducted no more than 13 months after the previous tune-up.	ADEM Admin. Code r. 335-3-11-.06(107) and 40 CFR 63, Subpart DDDDD

Federally Enforceable Provisos	Regulations
3. <u>Compliance and Performance Test Methods and Procedures</u>	
(a) If testing is required, the particulate emission rate from this process shall be determined in accordance with 40 CFR 60, Appendix A, Method 5.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR 60, Appendix A, Method 9.	ADEM Admin. Code r. 335-3-1-.05
(c) If testing is required, the oxide of nitrogen emissions from this process shall be determined in accordance with 40 CFR 60, Appendix A, Method 7 or 7E.	ADEM Admin. Code r. 335-3-1-.05
(d) If testing is required, the carbon monoxide emissions from this process shall be determined in accordance with 40 CFR 60, Appendix A, Method 10.	ADEM Admin. Code r. 335-3-1-.05
(e) If testing is required, the volatile organic compound emissions from this process shall be determined in accordance with 40 CFR 60, Appendix A, Method 25A.	ADEM Admin. Code r. 335-3-1-.05
(f) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05
4. <u>Emission Monitoring</u>	
There are no emission monitoring requirements for this unit.	
5. <u>Recordkeeping and Reporting Requirements</u>	
(a) The Permittee shall maintain records of the monthly fuel usage for this unit in a permanent form suitable for inspection. The records shall be retained for at least five (5) years from the date of generation and made available upon request.	ADEM Admin. Code r. 335-3-16-.05(c); ADEM Admin. Code r. 335-3-10-.02(2)(c) and 40 CFR 60, Subpart Dc

Federally Enforceable Provisos	Regulations
(b) The Permittee shall keep a copy of each notification and report submitted to comply with 40 CFR 63, Subpart DDDDD. The records shall include all documentation supporting any Initial Notification, Notification of Compliance Status, and any Compliance Report submitted. The records shall be maintained in a form suitable and readily available for expeditious review. They must be kept for five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The Permittee shall keep each record on-site, or they must be accessible from on-site (for example, through a computer network), for at least two (2) years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. Records may be kept off-site for the remaining three (3) years.	ADEM Admin. Code r. 335-3-16-.05(c); ADEM Admin. Code r. 335-3-11-.06(107) and 40 CFR §63.7555(a) and §63.7560
(c) The Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (January 23rd – July 22nd and July 23rd – January 22nd). The report shall certify whether the records of fuel usage for this unit were maintained as required in Item 5(a) above, and if not, the date(s) and reason the records were not maintained.	ADEM Admin. Code r. 335-3-16-.05(c)
(d) The Permittee shall submit a Compliance Report, as required by 40 CFR 63, Subpart DDDDD, §63.7550, to be postmarked or submitted by January 31st for the previous calendar year reporting period (January 1st to December 31st) as applicable. The report shall contain the following: (i) Company and Facility name and address; (ii) Process unit information, emission limitations, and operating parameter limitations; (iii) Date of report and beginning and end dates of the reporting period; (iv) The total operating time during the reporting period; (v) The date of the most recent tune-up required by 40 CFR §63.7540; 40 CFR §63.7515 and Table 3 to 40 CFR 63, Subpart DDDDD. (vi) The date of the most recent burner inspection if it was not done annually and was delayed until the next scheduled or unscheduled unit shutdown; (vii) Whether there were any deviations from a work practice standard during the reporting period and, if there were any deviations, the information specified in §63.7550(d).	ADEM Admin. Code r. 335-3-16-.05(c); ADEM Admin. Code r. 335-3-11-.06(1) and (107); 40 CFR 63; Table 9 and Table 10 to 40 CFR 63, Subpart DDDDD

Emission Unit No. 002 (Curing Oven)

Summary Page

Description: 4.5 MMBtu/hr Gas-Fired Oven

Permitted Operating Schedule: 8,760 hr/yr

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
X002 –A and X002-B	Curing Oven Stacks	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
		SO_2	N/A	N/A
		CO	N/A	N/A
		NOx	N/A	N/A
		VOC	N/A	N/A
		Phenol	N/A	N/A
		Formaldehyde	N/A	N/A
		Methanol	N/A	N/A

Emission Unit No. 002 (Curing Oven)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) This unit is subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD.	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. Emission Standards	
(a) The Permittee shall not cause or allow the emission of particulate matter from this unit in excess of the amount determined by the use of the following equation: $E = 3.59P^{0.62}$ where E = Emissions in lb/hr P = Process Weight in T/hr	ADEM Admin. Code r. 335-3-4-.04(1)
(a) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from this unit. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from these sources.	ADEM Admin. Code r. 335-3-4-.01
3. Compliance and Performance Test Methods and Procedures	
(a) If testing is required, the particulate emission rate from this process shall be measured in accordance with Methods 1-4 and 5 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the visible emissions from this process shall be determined in accordance with Method 9 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(c) If testing is required, the carbon monoxide emission rate from this process shall be measured in accordance with 40 CFR 60, Appendix A, Method 10.	

Federally Enforceable Provisos	Regulations
(d) If testing is required, the nitrogen oxide emission rate from this process shall be measured in accordance with 40 CFR 60, Appendix A, Method 7, 7A, 7B, or 7E.	ADEM Admin. Code r. 335-3-1-.05
(e) If testing is required, the volatile organic compound emission rate from this process shall be measured in accordance with 40 CFR 60, Appendix A, Method 25A.	ADEM Admin. Code r. 335-3-1-.05
(f) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05
4. Emission Monitoring There are no emission monitoring requirements for this unit.	
5. Recordkeeping and Reporting Requirements There are no recordkeeping or reporting requirements for this unit.	

Emission Unit Nos. 003 and 004 (Nos. 1 and 2 Laminating Lumber Machines)

Summary Page

Description: Nos. 1 and 2 Laminating Lumber Machines with Hot Oil Presses

Permitted Operating Schedule: 8,760 hr/yr

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
X003-A, X003-B and X003 –C	Laminating Lumber Machine No. 1 Stacks	PM	5.25 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)
		VOC	N/A	N/A
		HAP	N/A	40 CFR 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]
X004-A, X004-B and X004-C	Laminating Lumber Machine No. 2 Stacks	PM	5.25 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)
		VOC	N/A	N/A
		HAP	N/A	40 CFR 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]

Emission Unit Nos. 003 and 004 (Nos. 1 and 2 Laminating Lumber Machines)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) These units are subject to a PSD synthetic minor emission limitation to restrict the facility's potential emissions below the major source threshold established at ADEM Admin. Code r. 335-3-14-.04, "Air Permits Authorizing Construction in Clean Air Areas (Prevention of Significant Deterioration Permitting)".	ADEM Admin. Code r. 335-3-14-.04
(c) These units are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD.	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. Emission Standards	
The Permittee shall not cause or allow the emission of particulate matter from either of these units in excess of 5.25 lb/hr.	ADEM Admin. Code r. 335-3-4-.04
3. Compliance and Performance Test Methods and Procedures	
(a) If testing is required, the particulate emission rate from this process shall be measured in accordance with Methods 1-4 and 5 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the volatile organic compound emission rate from this process shall be measured in accordance with 40 CFR 60, Appendix A, Method 25A.	ADEM Admin. Code r. 335-3-1-.05
(c) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05

Federally Enforceable Provisos	Regulations
4. <u>Emission Monitoring</u> There are no emission monitoring requirements for this unit. **5. <u>Recordkeeping and Reporting Requirements</u>** There are no recordkeeping or reporting requirements for this unit.	

Emission Unit Nos. 005 and 006 (Nos. 3 and 4 Laminating Lumber Machines)

Summary Page

Description: Nos. 3 and 4 Laminating Lumber Machines with Hot Oil Presses

Permitted Operating Schedule: 8,760 hr/yr

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
X009-A, X009-B and X009 –C	Laminating Lumber Machine No. 3 Stacks	PM	5.25 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)
		VOC	N/A	N/A
		Methanol	0.375%	ADEM Admin. Code r. 335-3-14-.06(3)(d)
X010-A, X010-B and X010-C	Laminating Lumber Machine No. 4 Stacks	PM	5.25 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)
		VOC	N/A	N/A
		Methanol	0.375%	ADEM Admin. Code r. 335-3-14-.06(3)(d)

Emission Unit Nos. 005 and 006 (Nos. 3 and 4 Laminated Lumber Machines)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) These units are subject to a PSD synthetic minor emission limitation to restrict the facility's potential emissions below the major source threshold established at ADEM Admin. Code R. 335-3-14-.04, "Air Permits Authorizing Construction in Clean Air Areas (Prevention of Significant Deterioration Permitting)".	ADEM Admin. Code r. 335-3-14-.04
(c) These units are subject to the applicable requirements of ADEM Admin Code r. 335-3-14-.06(3)(c)"Requirements for Control Technology [Determinations for Major Sources in Accordance with Clean Air Act Section 112 (g)]".	ADEM Admin. Code r. 335-3-.14-06
2. Emission Standards	
(a) The Permittee shall not cause or allow the emission of particulate matter from either of these units in excess of 5.25 lb/hr.	ADEM Admin. Code r. 335-3-4-.04
(b) The Permittee shall not utilize a formaldehyde resin with a methanol content greater than 0.375% by weight, as demonstrated by a Certificate of Analysis or invoice statement from the supplier.	ADEM Admin. Code r. 335-3-14-.06(3)(d)
3. Compliance and Performance Test Methods and Procedures	
(a) If testing is required, the particulate emission rate from this process shall be measured in accordance with Methods 1-4 and 5 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the volatile organic compound emission rate from this process shall be measured in accordance with 40 CFR 60, Appendix A, Method 25A.	ADEM Admin. Code r. 335-3-1-.05
(c) If testing is required, the methanol content of the formaldehyde resin shall be determined in accordance with EPA Method 311.	ADEM Admin. Code r. 335-3-1-.05

Federally Enforceable Provisos	Regulations
(d) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05
4. Emission Monitoring There are no emission monitoring requirements for this unit.	
5. Recordkeeping and Reporting Requirements The Permittee shall maintain a copy of a Certificate of Analysis or an invoice for each shipment of resin delivered by the supplier to include the supplier's certification that the methanol content of the formaldehyde resin does not exceed 0.375% by weight.	ADEM Admin. Code r. 335-3-14-.06(3)(d)

Emission Unit Nos. 007, 008, 009 and 010 (I-Machine with Baghouse; Web Process with Baghouse; Press and Wood Hog with Baghouse, LVL Billet Saw, Trim Saw and Microllam Products Line with Cyclone and Baghouse)

Summary Page

Description: I-Machine with Baghouse (EP - X005);
Web Process with Baghouse (EP – X006);
Press and Wood Hog with Baghouse (EP – X007);
LVL Billet Saw, Trim Saw and Microllam Products Line with Cyclone and Baghouse (EP – X011)

Permitted Operating Schedule: 8,760 hr/yr

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
X005	No. 1 Baghouse Exhaust	PM	1.38 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)
X006	No. 2 Baghouse Exhaust	PM	1.47 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)
X007	No. 3 Baghouse Exhaust	PM	1.88 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)
X011	No. 5 Baghouse Exhaust	PM	2.20 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)

Emission Unit Nos. 007, 008, 009 and 010 (I-Machine with Baghouse; Web Process with Baghouse; Press and Wood Hog with Baghouse, LVL Billet Saw, Trim Saw and Microllam Products Line with Cyclone and Baghouse)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) These units are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) These units are subject to a PSD synthetic minor emission limitation to restrict the facility's potential emissions below the major source threshold established at ADEM Admin. Code R. 335-3-14-.04, "Air Permits Authorizing Construction in Clean Air Areas (Prevention of Significant Deterioration Permitting)".	ADEM Admin. Code r. 335-3-14-.04
(c) These units are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD.	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. Emission Standards	
(a) The Permittee shall not cause or allow the emission of particulate matter from the I-Machine Baghouse (EP- X005) in excess of 1.38 lb/hr.	ADEM Admin. Code r. 335-3-14-.04
(b) The Permittee shall not cause or allow the emission of particulate matter from the Web Process Baghouse (EP- X006) in excess of 1.47 lb/hr.	ADEM Admin. Code r. 335-3-14-.04
(c) The Permittee shall not cause or allow the emission of particulate matter from the Press and Wood Hog Baghouse (EP- X007) in excess of 1.88 lb/hr.	ADEM Admin. Code r. 335-3-14-.04
(d) The Permittee shall not cause or allow the emission of particulate matter from the LVL Billet Saw, Trim Saw and Microllam Products Line Baghouse (EP- X011) in excess of 2.20 lb/hr.	ADEM Admin. Code r. 335-3-14-.04
3. Compliance and Performance Test Methods and Procedures	
(a) If testing is required, the particulate emission rate shall be measured in accordance with Methods 1-4 and 5 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05

Federally Enforceable Provisos	Regulations
(b) If testing is required, the opacity of stack emissions shall be determined in accordance with Method 9 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(c) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05
4. <u>Emission Monitoring</u>	
(a) The Permittee shall determine compliance with the applicable particulate limits and visible emission standard for this process by conducting emissions testing before this permit expires, while the unit is operating normally.	ADEM Admin. Code r. 335-3-16-.05
(b) Subsequent emissions tests are to be conducted at intervals of five years (not to exceed 60 months and no less than 48 months following the date of the most recent compliance test). If a unit is not in operation during the testing window, testing will be required upon startup.	ADEM Admin. Code r. 335-3-16-.05
(c) Properly maintained devices shall be utilized to monitor the pressure differential across each baghouse. The devices shall be replaced annually or calibrated in accordance with manufacturer's recommendations and necessary parts maintained for routine repair.	ADEM Admin. Code r. 335-3-16-.05(c)
(d) When operating, each baghouse shall be visually observed a minimum of once a day for visible emissions and a normal differential pressure drop of +0.15 - +5.0 inches of water.	ADEM Admin. Code r. 335-3-16-.05(c)
(e) Whenever visible emissions are observed or the pressure differential across a baghouse is outside of the normal operating range, the facility shall initiate action within three (3) hours to correct the problem and return the system to its normal operating parameters.	ADEM Admin. Code r. 335-3-16-.05(c)
(f) Each cyclone and baghouse shall be inspected for proper operation and cleaned at least annually and whenever visible emissions are observed or the pressure differential across a baghouse is outside of the normal operating range.	ADEM Admin. Code r. 335-3-16-.05(c)
5. <u>Recordkeeping and Reporting Requirements</u>	
(a) The Permittee shall maintain records of emission monitoring performed in a permanent form onsite and available for	ADEM Admin. Code r. 335-3-16-.05

Federally Enforceable Provisos	Regulations
inspection for at least five (5) years from the date of generation of each record. These records shall include: (i) The date, time, and results of the daily observation of differential pressure and visible emissions from each baghouse; (ii) The date(s), time, nature, and results of any corrective action taken when any visible emissions were observed from a baghouse or the differential pressure across a baghouse was outside of the normal operating range; (iii) The date(s) and time each cyclone and baghouse was inspected for proper operation and, if the results of the inspection indicated that cleaning or emissions-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed.	
(b) The Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (January 23rd – July 22nd and July 23rd – January 22nd). The report shall include the following information for these emission units: (i) A statement as to whether all observations of differential pressure and visible emissions were completed as required during the reporting period, and if not, the date(s) and reason(s) why the monitoring was not performed; (ii) A statement as to whether the annual inspection of each cyclone and baghouse was accomplished during the reporting period, and if so, the date and results of the inspection; (iii) The date(s), time, nature, and results of any corrective action taken when (1) any visible emissions were observed from a baghouse, (2) the differential pressure across a baghouse was outside of the normal operating range, or (3) an inspection of a cyclone or baghouse indicated that cleaning or emissions-related maintenance was needed.	ADEM Admin. Code r. 335-3-16-.05

Emission Unit No. 011 (Relay Transfer to Dual Truck Loadout Bin with Two Cyclones and a Baghouse)

Summary Page Summary Page

Description: Relay Transfer System to Dual Truck Loadout Bin with Two Cyclones and a Baghouse (EP – X008)

Permitted Operating Schedule: 8,760 hr/yr

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
X008	No. 4 Baghouse Exhaust	PM	0.18 lb/hr	ADEM Admin. Code r. 335-3-14-.04 (SMS)

Emission Unit No. 011 (Relay Transfer to Dual Truck Loadout Bin with Two Cyclones and a Baghouse)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) These units are subject to a PSD synthetic minor emission limitation to restrict the facility's potential emissions below the major source threshold established at ADEM Admin. Code R. 335-3-14-.04, "Air Permits Authorizing Construction in Clean Air Areas (Prevention of Significant Deterioration Permitting)".	ADEM Admin. Code r. 335-3-14-.04
(c) This unit is subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD.	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. Emission Standards	
The Permittee shall not cause or allow the emission of particulate matter from this unit in excess of 0.18 lb/hr.	ADEM Admin. Code r. 335-3-14-.04
3. Compliance and Performance Test Methods and Procedures	
(a) If testing is required, the particulate emission rate shall be measured in accordance with Methods 1-4 and 5 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the opacity of stack emissions shall be determined in accordance with Method 9 at 40 CFR 60, Appendix A.	ADEM Admin. Code r. 335-3-1-.05
(c) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.	ADEM Admin. Code r. 335-3-1-.05

Federally Enforceable Provisos	Regulations
4. <u>Emission Monitoring</u>	
(a) The Permittee shall determine compliance with the applicable particulate limits and visible emission standard for this process by conducting emissions testing before this permit expires, while the unit is operating normally.	ADEM Admin. Code r. 335-3-16-.05
(b) Subsequent emissions tests are to be conducted at intervals of five years (not to exceed 60 months and no less than 48 months following the date of the most recent compliance test). If a unit is not in operation during the testing window, testing will be required upon startup.	ADEM Admin. Code r. 335-3-16-.05
(c) A properly maintained device shall be utilized to monitor the pressure differential across the baghouse. The device shall be replaced annually or calibrated in accordance with manufacturer's recommendations and necessary parts maintained for routine repair.	ADEM Admin. Code r. 335-3-16-.05(c)(1)
(d) When operating, the baghouse shall be visually observed a minimum of once a day for visible emissions and a normal differential pressure drop of +0.15 - +5.0 inches of water.	ADEM Admin. Code r. 335-3-16-.05(c)(1)
(e) Whenever visible emissions are observed or the pressure differential across the baghouse is outside of the normal operating range, the facility shall initiate action within three (3) hours to correct the problem and return the system to its normal operating parameters.	ADEM Admin. Code r. 335-3-16-.05(c)(1)
(f) The cyclones and baghouse shall be inspected for proper operation and cleaned at least annually and whenever visible emissions are observed or the pressure differential across the baghouse is outside of the normal operating range.	ADEM Admin. Code r. 335-3-16-.05(c)(1)

Federally Enforceable Provisos	Regulations
5. <u>Recordkeeping and Reporting Requirements</u>	
(a) The Permittee shall maintain records of emission monitoring performed in a permanent form onsite and available for inspection for at least five (5) years from the date of generation of each record. These records shall include: (i) The date, time, and results of the daily observation of differential pressure and visible emissions from the baghouse; (ii) The date(s), time, nature, and results of any corrective action taken when any visible emissions were observed from the baghouse or the differential pressure across the baghouse was outside of the normal operating range; (iii) The date(s) and time the cyclones and baghouse were inspected for proper operation and, if the results of the inspection indicated that cleaning or emissions-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed.	ADEM Admin. Code r. 335-3-16-.05
(b) The Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (January 23rd – July 22nd and July 23rd – January 22nd). The report shall include the following information for these emission units: (i) A statement as to whether all observations of differential pressure and visible emissions were completed as required during the reporting period, and if not, the date(s) and reason(s) why the monitoring was not performed; (ii) A statement as to whether the annual inspection of the cyclones and baghouse was accomplished during the reporting period, and if so, the date and results of the inspection; (iii) The date(s), time, nature, and results of any corrective action taken when (1) any visible emissions were observed from the baghouse, (2) the differential pressure across the baghouse was outside of the normal operating range, or (3) an inspection of a cyclone or baghouse indicated that cleaning or emissions-related maintenance was needed.	ADEM Admin. Code r. 335-3-16-.05

Emission Unit No. 012 (Miscellaneous Coating Operations)

Summary Page

Description: Edge Seal Application, Ink Stamping, and Dyno Overlay

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
Spray Booths	Edge Seal Application	HAP	Use of Non-HAP Coatings	40 CFR 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]
		VOC	N/A	N/A
Ink Stations	Ink Stamping	HAP	Use of Non-HAP Coatings	40 CFR 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]
		VOC	N/A	N/A
Press Vents	Dyno Overlay	HAP	N/A	40 CFR 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]
		VOC	N/A	N/A

Emission Unit No. 012 (Miscellaneous Coating Operations)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) These miscellaneous coating operations are subject to the applicable requirements of 40 CFR 63, Subpart DDDD, National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, and the applicable requirements of 40 CFR 63, Subpart A, General Provisions as provided in Table 10 to Subpart DDDD. The Edge Seal Application and Ink Stamping Operation each meet the definition of a Group 1 Miscellaneous Coating Operation. The Dyno Overlay does not meet the definition of a Group 1 Miscellaneous Coating Operation.	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. Emission Standards	
The Permittee shall only use non-HAP coatings, as defined in 40 CFR §63.2292, for the Group 1 Miscellaneous Coating Operations (i.e. Edge Seal Application and Ink Stamping Operation). *Non-HAP coating* means a coating with HAP contents below 0.1 percent by mass for OSHA-defined carcinogens as specified in 29 CFR §1910.1200(d)(4), and below 1.0 percent by mass for other HAP compounds.	ADEM Admin. Code r. 335-3-11-.06(81); 40 CFR 63, Subpart DDDD
3. Compliance and Performance Test Methods and Procedures	
If testing is required, the volatile organic emissions from these processes shall be measured in accordance with 40 CFR 60, Appendix A, Method 25A.	ADEM Admin. Code r. 335-3-1-.05
4. Emission Monitoring	
For the Group 1 Miscellaneous Coating Operations (i.e. Edge Seal Application and Ink Stamping Operation), the Permittee shall use only non-HAP coatings and maintain records (e.g. material safety data sheets) showing that the coatings used in these operations are non-HAP coatings as defined in 40 CFR §63.2292.	ADEM Admin. Code r. 335-3-11-.06(81); 40 CFR 63, Subpart DDDD
5. Recordkeeping and Reporting Requirements	
(a) For the Group 1 Miscellaneous Coating Operations (i.e. Edge Seal Application and Ink Stamping Operation), the Permittee shall maintain records (e.g. material safety data sheets) showing that the coatings used in these operations are non-HAP coatings as defined in 40 CFR §63.2292.	ADEM Admin. Code r. 335-3-11-.06(81); 40 CFR 63, Subpart DDDD

Federally Enforceable Provisos	Regulations
(b) The Permittee shall submit a semiannual compliance report no later than 60 days after the end of each reporting period (January 23rd – July 22nd and July 23rd – January 22nd). The report shall indicate whether the coatings utilized in the Group 1 Miscellaneous Coating Operations during the reporting period were non-HAP coatings as defined in 40 CFR §63.2292.	ADEM Admin. Code r. 335-3-11-.06(81); 40 CFR 63, Subpart DDDD

Emission Unit No. 013 (Resin Tanks)

Summary Page

Description: Three 5,500 Gallon; Two 6,400 Gallon; and One 10,040 Gallon Resin Storage Tanks

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
Resin Tanks	Resin Storage Tanks	HAP	N/A	N/A

Emission Unit No. 013 (Resin Tanks)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
(a) These tanks are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) These tanks are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD.	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. Emission Standards	
There are no applicable emissions standards associated with these tanks.	N/A
3. Compliance and Performance Test Methods and Procedures	
There are no applicable testing requirements associated with these tanks.	N/A
4. Emission Monitoring	
There are no applicable emission monitoring requirements associated with these tanks.	N/A
5. Recordkeeping and Reporting Requirements	
There are no applicable recordkeeping or reporting requirements associated with these tanks.	N/A

Emission Unit No. 014 (Emergency Water Pump)

Summary Page

Description: One 208 Hp Diesel-Fired Emergency Water Pump

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
Emergency ICE	208 Hp Water Pump	HAP	N/A	40 CFR 63, Subpart ZZZZ [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(103)

Emission Unit No. 014 (Emergency Water Pump)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits".	ADEM Admin. Code r. 335-3-16-.03
(b) This unit is subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 63, Subpart ZZZZ.	ADEM Admin. Code r. 335-3-11-.06(103)
2. <u>Emission Standards</u>	
(a) The Permittee shall comply with the applicable requirements of 40 CFR §63.6602 and Table 2c to Subpart ZZZZ, which include, but may not be limited to:	40 CFR §63.6602
(i) Meet the following work practice requirements, except during periods of startup:	
A. Change oil and filter every 500 hours of operation or annually, whichever comes first;	
B. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and	
C. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	
(ii) During periods of startup, minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.	
(iii) If a unit is operating during an emergency and it is not possible to shut down the engine in order to perform the work practice requirements on the schedule required, or if performing the work practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the work practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The work practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated.	

Federally Enforceable Provisos	Regulations
(b) The Permittee shall not operate this unit except as provided in §63.6640(f)(1) through (f)(4), which include but may not be limited to: (i) Emergency situations; (ii) Maintenance checks and readiness testing, not to exceed 100 hours per year; and (iii) Non-emergency situations, not to exceed 50 hours per year (those 50 hours are counted towards the 100 hours per year provided for maintenance and testing).	40 CFR §63.6640
3. <u>Compliance and Performance Test Methods</u>	
There are no performance test methods or procedures associated with this unit.	N/A
4. <u>Emission Monitoring</u>	
(a) The Permittee shall operate and maintain this unit according to the manufacturer's emission-related written instructions <u>or</u> develop a maintenance plan that provides for, to the extent practicable, the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.	40 CFR §63.6625(e) & 40 CFR §63.6640(a)
(b) The Permittee shall install a non-resettable hour meter if one is not already installed.	40 CFR §63.6625(f)
5. <u>Recordkeeping and Reporting Requirements</u>	
(a) The Permittee shall keep records of the operation and maintenance of this unit in accordance with 40 CFR §63.6655. At a minimum, these records shall include: (i) For each period of operation, the length of operation and the reason the engine was in operation during that time. For periods of operation designated as an "emergency operation," the records shall reflect what classified the operation as an emergency; (ii) The total number of hours the engine was operated during a calendar year subtotaled by the reason the engine was in operation; (iii) The dates of each oil and filter change with the corresponding hour on the hour meter;	ADEM Admin. Code r. 335-3-16-.05(c) and 40 CFR §63.6655

Federally Enforceable Provisos	Regulations
(iv) The dates of each inspection and replacement of air cleaners, hoses, and belts with the corresponding hour on the hour meter; and	
(v) The dates and nature of other emission-related repairs and maintenance performed.	
(b) The Permittee shall maintain onsite for the life of the unit either a copy of the manufacturer's emission-related operation and maintenance instructions for the unit or the maintenance plan developed in accordance with 40 CFR §63.6625(e) for the unit.	ADEM Admin. Code r. 335-3-16-.05(c)
(c) The Permittee shall maintain files of all information (including all reports and notifications) required by 40 CFR 63, Subparts A and ZZZZ for this unit recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained onsite. The remaining 3 years of data may be retained off-site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.	ADEM Admin. Code r. 335-3-16-.05(c), 40 CFR §63.6660, and 40 CFR §63.10(b)(1)
(d) The Permittee shall report to the Air Division any failure to perform a work practice on the schedule required, including instances when the work practice standard was not performed due to emergency operation or unacceptable risk under federal, state, or local law. The Permittee shall submit the report within two working days of the deviation and shall provide an explanation as to why the work practice requirement was not performed.	ADEM Admin. Code r. 335-3-16-.05(c) and 40 CFR §63.6640(b)

Provisos for Facility-Wide Fugitive Dust Plan

Federally Enforceable Provisos	Regulations
1. Applicability	
This facility is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
2. Emission Standards	
The permittee shall take reasonable precautions as directed in General Proviso 18 to prevent fugitive dust at the facility which travel beyond the facility property line and cause a nuisance.	ADEM Admin. Code r. 335-3-4-.02
3. Compliance and Performance Test Methods and Procedures	
The permittee shall utilize the Fugitive Dust Plan in Appendix A in order to minimize and address fugitive dust emissions.	ADEM Admin. Code r. 335-3-16-.07
4. Emission Monitoring	
The permittee shall conduct weekly visual observations for fugitive dust in areas listed with the potential to generate fugitive dust, considering factors such as naturally wet conditions. If visible emissions are observed traveling beyond the facility property line, any necessary corrective actions shall be initiated within four (4) hours of observation.	ADEM Admin. Code r. 335-3-16-.05
5. Recordkeeping and Reporting Requirements	
The permittee shall maintain a record of all inspections, to include visible observations performed to satisfy the requirements of Proviso 4. This shall include problems observed and corrective actions taken. The records shall be retained for at least five (5) years from the date of generation and shall be available upon request.	ADEM Admin Code r. 335-3-16-.05

Appendix A
Fugitive Dust Plan

Weyerhaeuser

Evergreen, AL

Developed April 2025

Fugitive Dust Control Plan

1.0 Purpose

The purpose of this Plan is to provide descriptive measures that are implemented at the Weyerhaeuser EWP Mill to reduce fugitive dust emissions (primarily PM-10) and is intended to satisfy the requirement associated with the Major Source Operating Permit renewal application.

2.0 Scope

The scope of this Plan covers the entirety of the Mill beginning at raw material receiving, and through processing into finished product including veneer unloading, plant process lines, and shipping along with residual streams generated via Mill processes.

3.0 Definitions

Fugitive Dust – particulate matter that enters the atmosphere without first passing through a stack or duct designed to direct or control its flow.

PM-10 – particulate matter no greater than 10 micrometers in aerodynamic diameter (µmA).

4.0 General Areas

The most effective means of reducing fugitive dust is through good housekeeping practices and regular preventative maintenance. Considerable effort is made to maintain the handling of residuals as intended. Any residual loss to fugitive is a lost revenue stream.

Any pile(s) from cleanup shall be handled and stored in a manner that prevents or inhibits the product from becoming airborne.

Potential sources of fugitive dust are covered in subsections below:

4.1 Veneer Unloading Area

Spillage from process equipment is cleaned as needed. Weyerhaeuser will not handle or store material in a manner that results in excessive generation of dust.

4.2 Shipping

Dust in the shipping area from equipment traffic would be minimal due to the area is storage for finished products. Mobile equipment will maintain a speed limit of 10 mph, reducing any potential fugitive from material that may be on the yard. Periodic cleaning occurs in the area to prevent significant debris buildup on the paved areas.

4.4 Roadways

Most roads at the Mill are paved with the exception from the tarping station to the shipping yard. For safety purposes, the posted speed limit on paved roadways is 10 mph; however, the speed limit also helps to control dust. A sweeper is also available and will be used to clean up as needed on areas of paved roadway.

4.5 Residual Areas

Material transported offsite shall either have sufficient moisture to prevent becoming airborne or be securely covered. Transport trailers will maintain sufficient freeboard to prevent spillage.

All mobile equipment and trucks shall maintain a maximum speed of 10 mph to prevent excessive amounts of fugitive dust generation. Water shall be applied if excessive amounts of fugitive dust is observed, or speed shall be further reduced.

5.0 Responsibilities

The Mill Manager has overarching responsibility for housekeeping, maintenance, and operations that drive effective control of fugitive dust.

Area leaders are responsible for their prospective areas for fugitive dust including proper maintenance through the work order system and maintaining a sufficient level of housekeeping.

The Facility Environmental Manager is responsible for maintaining the Fugitive Dust Control Plan and evaluating its effectiveness on an as needed basis. When revisions are made, they shall be documented in section 7.0.

All Employees are expected to maintain a clean work environment and report areas of excessive dusting to supervision and shall not knowingly cause, allow, or permit fugitive dust emissions without first implementing good housekeeping and/or work practices that take reasonable precautions to prevent particulate matter (dust) from becoming airborne.

6.0 Sources

USEPA, Fugitive Dust Control Measures and Best Practices January 2022 (as provided by ADEM as guidance)

AP-42, CH 13.2 Fugitive Dust Sources; https://www.epa.gov/sites/default/files/2020-10/documents/13.2_fugitive_dust_sources.pdf

Fugitive Particulate Matter – 40 CFR Part 49, Section 126; http://www.gpo.gov/fdsys/pkg/CFR-2014-title40-vol1/pdf/CFR-2014-title40-vol1-sec49-126.pdf

Developed April 2025

7.0 Revisions

Revision No.	Revision Date	Revised Sections	Notes

Developed April 2025

8.0 Aerial Drone Photo

