

MAJOR SOURCE OPERATING PERMIT

PERMITTEE: SCOTCH AND GULF LUMBER, LLC
FACILITY NAME: SCOTCH AND GULF LUMBER, LLC
FACILITY/PERMIT NO.: 503-2003
LOCATION: MOBILE, MOBILE 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:

Effective Date:

Expiration Date: December 5, 2024

Table of Contents

GENERAL PERMIT PROVISOS	1
1. <i>Transfer</i>	1
2. <i>Renewals</i>	1
3. <i>Severability Clause</i>	1
4. <i>Compliance</i>	1
5. <i>Termination for Cause</i>	1
6. <i>Property Rights</i>	2
7. <i>Submission of Information</i>	2
8. <i>Economic Incentives, Marketable Permits, and Emissions Trading</i>	2
9. <i>Certification of Truth, Accuracy, and Completeness</i>	2
10. <i>Inspection and Entry</i>	2
11. <i>Compliance Provisions</i>	3
12. <i>Compliance Certification</i>	3
13. <i>Reopening for Cause</i>	4
14. <i>Additional Rules and Regulations</i>	4
15. <i>Equipment Maintenance or Breakdown</i>	5
16. <i>Operation of Capture and Control Devices</i>	5
17. <i>Obnoxious Odors</i>	6
18. <i>Fugitive Dust</i>	6
19. <i>Additions and Revisions</i>	6
20. <i>Recordkeeping Requirements</i>	6
21. <i>Reporting Requirements</i>	7
22. <i>Emission Testing Requirements</i>	7
23. <i>Payment of Emission Fees</i>	8
24. <i>Other Reporting and Testing Requirements</i>	8
25. <i>Title VI Requirements (Refrigerants)</i>	9
26. <i>Chemical Accidental Prevention Provisions</i>	9
27. <i>Display of Permit</i>	9
28. <i>Circumvention</i>	10
29. <i>Visible Emissions</i>	10
30. <i>Fuel-Burning Equipment</i>	10
31. <i>Process Industries – General</i>	10
32. <i>Averaging Time for Emission Limits</i>	10
33. <i>Open Burning</i>	10
34. <i>Compliance Assurance Monitoring (CAM)</i>	11
EMISSION UNIT NOS. 001 (WOOD-FIRED BOILER)	16
SUMMARY PAGE	16
UNIT SPECIFIC PROVISOS	17
1. <i>Applicability</i>	17
2. <i>Emission Standards</i>	17
3. <i>Compliance and Performance Test Methods and Procedures</i>	18
4. <i>Emission Monitoring</i>	20

5. <i>Recordkeeping and Reporting Requirements</i>	21
EMISSION UNIT NO. 003 (PLANER MILL)	25
SUMMARY PAGE	25
UNIT SPECIFIC PROVISOS.....	26
1. <i>Applicability</i>	26
2. <i>Emission Standards</i>	26
3. <i>Compliance and Performance Test Methods and Procedures</i>	26
4. <i>Emission Monitoring</i>	26
5. <i>Recordkeeping and Reporting Requirements</i>	27
EMISSION UNIT NOS. 004, 005, AND 006 (LUMBER DRY KILNS)	29
SUMMARY PAGE	29
UNIT SPECIFIC PROVISOS.....	30
1. <i>Applicability</i>	30
2. <i>Emission Standards</i>	30
3. <i>Compliance and Performance Test Methods and Procedures</i>	30
4. <i>Emission Monitoring</i>	31
5. <i>Recordkeeping and Reporting Requirements</i>	31

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Transfer</u></p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-16-.02(6)</p>
<p>2. <u>Renewals</u></p> <p>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.</p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-16-.12(2)</p>
<p>3. <u>Severability Clause</u></p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(e)</p>
<p>4. <u>Compliance</u></p> <p>(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.</p> <p>(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.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(f)</p> <p>ADEM Admin. Code r. 335-3-16-.05(g)</p>
<p>5. <u>Termination for Cause</u></p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(h)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p>	ADEM Admin. Code r. 335-3-16-.05(i)
<p>7. <u>Submission of Information</u></p> <p>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.</p>	ADEM Admin. Code r. 335-3-16-.05(j)
<p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>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.</p>	ADEM Admin. Code r. 335-3-16-.05(k)
<p>9. <u>Certification of Truth, Accuracy, and Completeness</u></p> <p>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.</p>	ADEM Admin. Code r. 335-3-16-.07(a)
<p>10. <u>Inspection and Entry</u></p> <p>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:</p> <p>(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;</p> <p>(b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit;</p>	ADEM Admin. Code r. 335-3-16-.07(b)

General Permit Provisos	
Federally Enforceable Provisos	Regulations
<p>(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;</p> <p>(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.</p> <p>11. Compliance Provisions</p> <p>(a) The Permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.</p> <p>(b) The Permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.</p> <p>12. Compliance Certification</p> <p>The Permittee shall submit a complete and accurate compliance certification by February 5th of each year for each annual reporting period of this permit (December 6th – December 5th).</p> <p>(a) The compliance certification shall include the following:</p> <ol style="list-style-type: none"> (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; <p>(b) The compliance certification shall be submitted to:</p>	<p>ADEM Admin. Code r. 335-3-16-.07(c)</p> <p>ADEM Admin. Code r. 335-3-16-.07(e)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>15. <u>Equipment Maintenance or Breakdown</u></p> <p>(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:</p> <ol style="list-style-type: none">(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. <p>(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.</p>	<p>ADEM Admin. Code r. 335-3-1-.07(1),(2)</p>
<p>16. <u>Operation of Capture and Control Devices</u></p> <p>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.</p>	<p>§22-28-16(d), <u>Code of Alabama 1975</u>, as amended</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>17. <u>Obnoxious Odors</u></p> <p>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.</p> <p>18. <u>Fugitive Dust</u></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p> <p>(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:</p> <p>(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;</p> <p>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</p> <p>(3) By paving;</p> <p>(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.</p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-1-.08</p> <p>ADEM Admin. Code r. 335-3-4-.02</p>
<p>19. <u>Additions and Revisions</u></p> <p>Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p>	<p>ADEM Admin. Code r. 335-3-16-.13 and 335-3-16-.14</p>
<p>20. <u>Recordkeeping Requirements</u></p> <p>(a) Records of required monitoring information of the source shall include the following:</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)2.</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>(1) The date, place, and time of all sampling or measurements;</p> <p>(2) The date analyses were performed;</p> <p>(3) The company or entity that performed the analyses;</p> <p>(4) The analytical techniques or methods used;</p> <p>(5) The results of all analyses; and</p> <p>(6) The operating conditions that existed at the time of sampling or measurement.</p> <p>(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.</p>	
<p>21. Reporting Requirements</p>	
<p>(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).</p> <p>(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.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)3.</p>
<p>22. Emission Testing Requirements</p>	
<p>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 Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-1-.05(3) and 335-3-1-.04(1)</p>

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>25. <u>Title VI Requirements (Refrigerants)</u></p> <p>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 Part 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 Part 82, Subpart F.</p> <p>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 Part 82, Subpart F.</p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(a)</p>
<p>26. <u>Chemical Accidental Prevention Provisions</u></p> <p>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:</p> <p>(a) The owner or operator shall comply with the provisions in 40 CFR Part 68.</p> <p>(b) The owner or operator shall submit one of the following:</p> <p>(1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,</p> <p>(2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.</p>	<p>40 CFR Part 68</p>
<p>27. <u>Display of Permit</u></p> <p>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.</p>	<p>ADEM Admin. Code r. 335-3-14-.01(1)(d)</p>

General Permit Provisos

Federally Enforceable Provisos

Regulations

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

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 Part 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

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>34. Compliance Assurance Monitoring (CAM)</p> <p>Conditions (a) through (d) that follow are general conditions applicable to emissions units that are subject to the CAM requirements. Specific requirements related to each emissions unit are contained in the unit specific provisos and the attached CAM appendices.</p> <p>(a) Operation of Approved Monitoring</p> <p>(1) <i>Commencement of operation.</i> The owner or operator shall conduct the monitoring required under this section and detailed in the unit specific provisos and CAM appendix of this permit (if required) upon issuance of the permit, or by such later date specified in the permit pursuant to §64.6(d).</p> <p>(2) <i>Proper maintenance.</i> At all times, the owner or operator shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.</p> <p>(3) <i>Continued operation.</i> Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the owner or operator shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.</p> <p>(4) <i>Response to excursions or exceedances.</i></p> <p>(i) Upon detecting an excursion or exceedance, the owner or operator shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The</p>	<p>40 CFR §64.7</p>

General Permit Provisos

Federally Enforceable Provisos

Regulations

response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

- (ii) Determination of whether the owner or operator has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.

- (5) *Documentation of need for improved monitoring.* After approval of monitoring under this part, if the owner or operator identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the owner or operator shall promptly notify the Department and, if necessary, submit a proposed modification to the permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.

(b) Quality Improvement Plan (QIP) Requirements

40 CFR §64.8

- (1) Based on the results of a determination made under Section 34(a)(4)(i) above, the Administrator or the permitting authority may require the owner or operator to develop and implement a QIP. Consistent with 40 CFR §64.6(c)(3), the permit may specify an appropriate threshold, such as an accumulation of exceedances or excursions exceeding 5 percent duration of a pollutant-specific emissions unit's operating time for a reporting period, for requiring the implementation of a QIP. The threshold may be set at a higher or lower

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>percent or may rely on other criteria for purposes of indicating whether a pollutant-specific emissions unit is being maintained and operated in a manner consistent with good air pollution control practices.</p> <p>(2) <i>Elements of a QIP:</i></p> <ul style="list-style-type: none">(i) The owner or operator shall maintain a written QIP, if required, and have it available for inspection.(ii) The plan initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the owner or operator shall modify the plan to include procedures for conducting one or more of the following actions, as appropriate:<ul style="list-style-type: none">A. Improved preventive maintenance practices.B. Process operation changes.C. Appropriate improvements to control methods.D. Other steps appropriate to correct control performance.E. More frequent or improved monitoring (only in conjunction with one or more steps under paragraphs (2)(b)(i) through (iv) above). <p>(3) If a QIP is required, the owner or operator shall develop and implement a QIP as expeditiously as practicable and shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.</p> <p>(4) Following implementation of a QIP, upon any subsequent determination pursuant to Section 34(a)(4)(i) above, the Department may require that an owner or operator make reasonable changes to the QIP if the QIP is found to have:</p> <ul style="list-style-type: none">(i) Failed to address the cause of the control device performance problems; or(ii) Failed to provide adequate procedures for correcting control device performance problems as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. <p>(5) Implementation of a QIP shall not excuse the owner or operator of a source from compliance with any existing emission limitation or standard, or any existing</p>	

General Permit Provisos

Federally Enforceable Provisos

Regulations

monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act.

(c) Reporting and Recordkeeping Requirements

40 CFR §64.9

(1) *General reporting requirements*

- (i) On and after the date specified in Section 34(a)(1) above by which the owner or operator must use monitoring that meets the requirements of this part, the owner or operator shall submit monitoring reports to the permitting authority in accordance with ADEM Admin. Code r. 335-3-16-.05(c)3.
- (ii) A report for monitoring under this part shall include, at a minimum, the information required under ADEM Admin. Code r. 335-3-16-.05(c)3. and the following information, as applicable:
 - A. Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;
 - B. Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and
 - C. A description of the actions taken to implement a QIP during the reporting period as specified in Section 34(b) above. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

(2) *General recordkeeping requirements.*

- (i) The owner or operator shall comply with the recordkeeping requirements specified in ADEM Admin. Code r. 335-3-16-.05(c)2. The owner or operator shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to Section 34(b) above and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under this part (such as data used to document the adequacy of monitoring, or records of

General Permit Provisos

Federally Enforceable Provisos	Regulations
<p>monitoring maintenance or corrective actions).</p> <p>(ii) Instead of paper records, the owner or operator may maintain records on alternative media, such as microfilm, computer files, magnetic tape disks, or microfiche, provided that the use of such alternative media allows for expeditious inspection and review, and does not conflict with other applicable recordkeeping requirements.</p> <p>(d) Savings Provisions</p> <p>Nothing in this part shall:</p> <p>(1) Excuse the owner or operator of a source from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act. The requirements of this part shall not be used to justify the approval of monitoring less stringent than the monitoring which is required under separate legal authority and are not intended to establish minimum requirements for the purpose of determining the monitoring to be imposed under separate authority under the Act, including monitoring in permits issued pursuant to title I of the Act. The purpose of this part is to require, as part of the issuance of a permit under title V of the Act, improved or new monitoring at those emissions units where monitoring requirements do not exist or are inadequate to meet the requirements of this part.</p> <p>(2) Restrict or abrogate the authority of the Department to impose additional or more stringent monitoring, recordkeeping, testing, or reporting requirements on any owner or operator of a source under any provision of the Act, including but not limited to sections 114(a)(1) and 504(b), or state law, as applicable.</p> <p>(3) Restrict or abrogate the authority of the Department to take any enforcement action under the Act for any violation of an applicable requirement or of any person to take action under section 304 of the Act.</p>	<p>40 CFR §64.10</p>

Emission Unit Nos. 001 (Wood-Fired Boiler)

Summary Page

Description: 68 MMBtu/hr Wood-Fired Boiler with Multiclone and Wet Scrubber

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
001	Boiler #1 Stack	PM	0.147 gr/dscf	ADEM Admin. Code r. 335-3-14-.01
			0.44 lb/MMBtu	ADEM Admin. Code r. 335-3-11-.06(107)
		PM ₁₀	18.27 lb/hr	ADEM Admin. Code r. 335-3-14-.04
		SO ₂	1.8 lb/MMBtu	ADEM Admin. Code r. 335-3-5-.01(b)
		HCL	0.022 lb/MMBtu	ADEM Admin. Code r. 335-3-11-.06(107)
		Hg	5.7E-06 lb/MMBtu	ADEM Admin. Code r. 335-3-11-.06(107)
		CO	3,500 ppm @ 3% O ₂	ADEM Admin. Code r. 335-3-11-.06(107)

Emission Unit No. 001 (Wood-Fired Boiler)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) This source 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 Compliance Assurance Monitoring, 40 CFR Part 64.	40 CFR Part 64
(c) This boiler 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)
2. <u>Emission Standards</u>	
(a) The Permittee shall not cause or allow particulate matter to be emitted from this unit in excess of 0.147 gr/dscf, adjusted to 50 % excess air and/or 91 tons per year.	ADEM Admin. Code r. 335-3-14-.01
(b) The Permittee shall not cause or allow particulate matter equal to or less than 10 microns in diameter to be emitted from this unit in excess of 18.27 lb/hr.	ADEM Admin. Code r. 335-3-14-.04
(c) The Permittee shall not cause or allow the emission of sulfur dioxide from this unit in excess of 1.8 lb/MMBtu heat input.	ADEM Admin. Code r. 335-3-5-.01(a)
(d) 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 unit.	ADEM Admin. Code r. 335-3-4-.01
(e) The Permittee shall not cause or allow the filterable particulate matter emissions from this unit to exceed 0.44 pounds per million BTU heat input (lb/MMBtu).	40 CFR §63.7500; 40 CFR 63, Subpart DDDDD, Table 2
(f) The Permittee shall not cause or allow the hydrogen chloride (HCl) emissions from this unit to exceed 0.022 lb/MMBtu.	40 CFR §63.7500; 40 CFR 63, Subpart DDDDD, Table 2
(g) The Permittee shall not cause or allow the mercury (Hg) emissions from this unit to exceed 0.0000057 lb/MMBtu.	40 CFR §63.7500; 40 CFR 63, Subpart DDDDD, Table 2

Federally Enforceable Provisos	Regulations
<p>3. Compliance and Performance Test Methods and Procedures</p> <p>(a) If testing is required, the particulate emission rate from this unit shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.</p> <p>(c) If testing is required, the particulate emissions from this process equal to or less than 10 microns in diameter shall be determined in accordance with 40 CFR Part 51, Appendix M, 201A or 40 CFR Part 60, Appendix A, Method 5.</p> <p>(d) The hydrogen chloride emission rate from this unit shall be determined in accordance with Method 26 or 26A at 40 CFR Part 60, Appendix A. An alternate method may be utilized provided prior approval is granted by the Air Division.</p> <p>(e) The mercury emission rate from this unit shall be determined in accordance with Method 29, 30A, or 30B at 40 CFR Part 60, Appendix A. An alternate method may be utilized provided prior approval is granted by the Air Division.</p> <p>(f) If testing is required, the sulfur dioxide emission rate shall be measured in accordance with Method 6 or 6C at 40 CFR Part 60, Appendix A. An alternate method may be utilized provided prior approval is granted by the Air Division.</p> <p>(g) 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.</p> <p>(h) The Permittee shall conduct a performance tune-up of this boiler on an annual basis. Each subsequent tune-up shall be conducted no more than 13 months after the previous tune-up. If this unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup. Each tune-up shall be conducted in accordance with the requirements of 40 CFR §63.7540(a)(10), which include, as applicable:</p> <p>(i) Inspect the burner and clean or replace any components of the burner, as necessary;</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05; 40 CFR 63, Subpart DDDDD, Table 5</p> <p>ADEM Admin. Code r. 335-3-1-.05; 40 CFR 63, Subpart DDDDD, Table 5</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>40 CFR §63.7515(d); 40 CFR §63.7540; 40 CFR 63, Subpart DDDDD, Table 3</p>

Federally Enforceable Provisos	Regulations
<ul style="list-style-type: none"> (ii) Inspect the flame pattern and adjust the burner as necessary to optimize the flame pattern. The adjustment shall be consistent with the manufacturer's specifications, if available; (iii) Inspect the system controlling the air-to-fuel ratio and ensure that it is correctly calibrated and functioning properly; (iv) Optimize total emissions of carbon monoxide. This optimization shall be consistent with the manufacturer's specifications, if available and with any NO_x requirement to which the unit is subject; (v) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made); (vi) Maintain on-site and submit a report containing the following information: <ul style="list-style-type: none"> A. The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler. B. A description of any corrective actions taken as a part of the tune-up of the boiler. C. A description of any corrective actions taken as a part of the tune-up of the boiler. 	
<ul style="list-style-type: none"> (i) At all times, the Permittee must operate and maintain this boiler, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. 	40 CFR §63.7500(a)(3)
<ul style="list-style-type: none"> (j) The Permittee must demonstrate initial compliance according to applicable requirements listed in 40 CFR §63.7510. 	ADEM Admin. Code r. 335-3-11-.06[107]
<ul style="list-style-type: none"> (k) The Permittee must conduct all applicable performance tests according to 40 CFR §63.7520 on an annual basis except as specified below: <ul style="list-style-type: none"> (i) Annual performance tests must be completed no more than 13 months after the previous performance test 	40 CFR §63.7515

Federally Enforceable Provisos	Regulations
<p>(ii) If performance tests for a given pollutant for a least 2 consecutive years show that the emissions are at or below 75 percent of the emission limit for the pollutant and there are no changes in the operation or air pollution control equipment that could increase emissions:</p> <p>A. The Permittee may choose to conduct performance tests for the pollutant every third year;</p> <p>B. Each such performance test must be conducted no more than 37 months after the previous performance test;</p> <p>C. If a performance test shows emissions exceeded the emission limit or 75 percent of the emission limit for a pollutant, the Permittee must conduct annual performance tests for that pollutant until all performance tests over a consecutive 2-year period meet the required level (at or below 75 percent of the emission limit).</p>	<p>40 CFR §63.7515(b) and (c)</p>
<p>(l) The Permittee must establish applicable site-specific operating limits according to 40 CFR §63.7520 and Table 7 to 40 CFR 63, Subpart DDDDD.</p>	<p>40 CFR §63.7530(b)</p>
<p>(m) The Permittee shall conduct monthly analyses of the moisture content of the fuel utilized in the boiler to demonstrate that the boiler meets the definition of a hybrid suspension grate boiler as defined in 40 CFR §63.7575.</p>	<p>40 CFR §63.7575</p>
<p>4. Emission Monitoring</p>	
<p>(a) If modification or repair of the system is required and such modification or repair significantly affects the operating conditions of the unit (as compared to the conditions under which the most recent emissions testing was performed), the Permittee shall conduct a test for visible emissions, particulates, and carbon monoxide (40 CFR Part 60, Reference Methods 1-5, 9 and 10) within 90 days of completing the repair or modification.</p>	<p>40 CFR §64.7</p>
<p>(b) Properly maintained devices shall be utilized to monitor the pressure differential across and water flow to the wet scrubber. The devices shall be calibrated in accordance with manufacturer's recommendations and necessary parts maintained for routine repair.</p>	<p>40 CFR §64.7</p>
<p>(c) For the wet particulate matter scrubber control, the Permittee must maintain the 30-day rolling average pressure drop and the 30-day rolling average liquid flow rate at or above the lowest one-hour average pressure drop and the lowest one-hour average liquid flow rate, respectively, measured during the performance test demonstrating compliance with the PM, Hg, and HCl emission limitation.</p>	<p>40 CFR §63.7530(b); 40 CFR 63, Subpart DDDDD, Table 7</p>

Federally Enforceable Provisos	Regulations
<p>(d) The Permittee must maintain the 30-day rolling average operating load of the boiler such that it does not exceed 110 percent of the highest hourly average operating load recorded during the performance test.</p> <p>(e) The Permittee must maintain the 30-day rolling average oxygen content at or above the lowest hourly average oxygen concentration measured during the CO performance test.</p> <p>(f) If the scrubber flow rate to the wet scrubber or the pressure drop across the wet scrubber falls below the established monitoring parameter threshold, the Permittee shall restore operation of the unit to its normal manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown, or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the established monitoring parameter threshold. Determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance shall be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.</p>	<p>40 CFR §63.7530(b); 40 CFR 63, Subpart DDDDD, Table 7</p> <p>40 CFR §63.7525(a); 40 CFR 63, Subpart DDDDD, Table 7</p> <p>40 CFR §64.7</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p>	
<p>(a) All required records shall be maintained in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c); 40 CFR §63.7560</p>

Federally Enforceable Provisos	Regulations
<p>(b) The Permittee shall maintain records of all emission monitoring performed to include:</p> <ul style="list-style-type: none"> (i) Collecting operating load data or steam generation every 15 minutes and the calculated 30-day rolling averages; (ii) The date, time, nature, and results of any investigation conducted when excursions from an emission monitoring parameter threshold were observed; (iii) The date(s), nature, and results of any corrective action taken when excursions from an emission monitoring parameter threshold were observed; (iv) Scrubber liquid flow and pressure drop monitor readings and the calculated 3-hour block averages and 30-day rolling averages; (v) Continuous monitoring of the oxygen content using the oxygen analyzer system and the calculated 30-day rolling averages; (vi) The date and results of the annual calibrations of the scrubber liquid flow and pressure drop monitors; (vii) The date(s) the control device was inspected for proper operation and, if the results of the inspection indicated that cleaning or emission-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed. 	<p>ADEM Admin. Code r. 335-3-16-.05(c); 40 CFR 63, Subpart DDDDD, Table 8</p>
<p>(c) The Permittee shall maintain records of monthly fuel use by the boiler, including the type(s) of fuel, and the amount(s) used.</p>	<p>40 CFR §63.7555(d)(1)</p>
<p>(d) The Permittee shall maintain records that demonstrate the fuel combusted in this unit exceeds a moisture content of 40 percent on an as-fired annual heat input basis as demonstrated by monthly fuel analysis.</p>	<p>40 CFR §63.10(b)(1)</p>
<p>(e) The Permittee shall report the results of performance tests and the associated fuel analyses within 60 days after the completion of the performance tests. This report must also verify that the operating limits for the boiler have not changed or provide documentation of revised operating limits established according to 40 CFR §63.7530 and Table 7 to Subpart DDDDD, as applicable. The reports for all subsequent performance tests must include all applicable information required in 40 CFR §63.7550</p>	<p>40 CFR §63.7515(f)</p>
<p>(f) The Permittee shall maintain on-site and submit, if requested by the Administrator, an annual report pertaining to the tune-up containing the information in 40 CFR §63.7540 (a)(10)(vi)(A) through (C).</p>	<p>40 CFR §63.7540</p>

Federally Enforceable Provisos	Regulations
<p>(g) A Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), shall be submitted no later than 60 days after the end of each semiannual reporting period (January 1st – June 30th and July 1st – December 31st). The report shall include the following information for this emission unit:</p> <ul style="list-style-type: none"> (i) A statement describing the emission monitoring that was required during the reporting period, whether all emission monitoring was completed as required, and if not, the date(s) and reasons(s) why the monitoring was not performed; (ii) A statement as to whether the annual inspection of the control device or annual calibrations of the scrubber liquid flow and pressure drop monitors were accomplished during the reporting period, and if so, the date and results of the inspection(s); and (iii) The date(s), nature, and results of any corrective action taken when (1) a deviation from an emission monitoring parameter was observed or (2) an inspection of the control device indicated that cleaning or emission-related maintenance was needed. 	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(h) A Semiannual Compliance Report (SCR), shall be submitted no later than 30 days after the end of each semiannual reporting period (January 1st – June 30th and July 1st – December 31st). The report shall include but is not limited to the following information for this emission unit:</p> <ul style="list-style-type: none"> (i) If there are no deviations from any emission limitation (emission limit and operating limit) that applies to you and there are no deviations from the requirements for work practice standards for periods of startup and shutdown in Table 3 to this subpart that apply to you, a statement that there were no deviations from the emission limitations and work practice standards during the reporting period. If there were no periods during which the CMSs, including continuous emissions monitoring system, continuous opacity monitoring system, and operating parameter monitoring systems, were out-of-control as specified in 40 CFR §63.8(c)(7), a statement that there were no periods during which the CMSs were out-of-control during the reporting period; and (ii) If you have a deviation from any emission limitation (emission limit and operating limit) where you are not using a CMS to comply with that emission limit or operating limit, or a deviation from a work practice standard for periods of startup and shutdown, during the reporting period, the report must contain the information in 40 CFR §63.7550(d); and 	<p>40 CFR §63.7550(a), (b), and (c)</p> <p>40 CFR 63, Subpart DDDDD, Table 9</p>

Federally Enforceable Provisos	Regulations
<p>(iii) If there were periods during which the CMSs, including continuous emissions monitoring system, continuous opacity monitoring system, and operating parameter monitoring systems, were out-of-control as specified in 40 CFR §63.8(c)(7), or otherwise not operating, the report must contain the information in 40 CFR §63.7550(e)</p>	

Emission Unit No. 003 (Planer Mill)

Summary Page

Description: Planer Mill with Closed Loop Dual Cyclone System

Permitted Operating Schedule: 4,200 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
003	Planer Mill Cyclone	PM	2.5 lb/hr	Admin. Code r. 335-3-14-.04
		PM ₁₀	1.0 lb/hr	Admin. Code r. 335-3-14-.04

Emission Unit No. 003 (Planer Mill)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This process is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) This process is subject synthetic minor source limitations to restrict it potential emissions under ADEM Admin. Code r. 335-3-14-.04, "Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration Permitting (PSD)]".</p> <p>2. <u>Emission Standards</u></p> <p>(a) The Permittee shall not cause or allow the emission of particulate matter in any one hour from this unit in excess of 2.5 lb/hr.</p> <p>(b) The Permittee shall not shall not cause or allow the emission of particulate matter equal to or less than 10 microns in diameter from this unit in excess of 1.0 lb/hr.</p> <p>(c) The Permittee shall not operate this unit more than 4,200 hours during any consecutive 12-month period.</p> <p>(a) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from this process. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from this process.</p> <p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) If testing is required, the particulate emission rate from this unit shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.</p> <p>(c) If testing is required, the particulate emissions from this process equal to or less than 10 microns in diameter shall be determined in accordance with 40 CFR Part 51, Appendix M, Method 201 or 201A or 40 CFR Part 60, Appendix A, Method 5.</p> <p>4. <u>Emission Monitoring</u></p> <p>(a) At least once per week during daylight hours, the Permittee shall observe the exhaust plume from the planer mill cyclone while the unit is operating. If greater than normal emissions are observed (outside of the limits of normal operation), the observer shall note</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-14-.05</p> <p>ADEM Admin. Code r. 335-3-4-.01</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-16-.05</p>

Federally Enforceable Provisos	Regulations
<p>the occurrence and immediately notify the appropriate operations supervisor. The supervisor shall immediately investigate the cause of the exceedance. If it is determined that the exceedance is caused by operator error, operational procedures shall be modified to prevent a recurrence. If the excursion is determined to be a result of mechanical failure, the system shall be immediately modified or repaired to return the system to its normal operation.</p> <p>(b) The cyclone shall be inspected for proper operation and cleaned at least annually but more frequently whenever visible emissions are greater than normal to ensure that the removal efficiency meets the manufacturer specifications.</p> <p>(c) Within 10 days of the end of each month, the Permittee shall calculate the operating hours of this process for the previous month and previous 12-month period and determine compliance with the operational limit.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p> <p>ADEM Admin. Code r. 335-3-16-.05</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p>	
<p>(a) For the emission monitoring performed in accordance with Section 4 above, the Permittee shall maintain records in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record. These records shall include:</p> <p>(i) The date, time, and results of any monitoring performed;</p> <p>(ii) The date(s), time, nature, and results of any corrective action taken when an excursion from a monitoring parameter occurs.</p> <p>(iii) The dates, times and results of inspections and cleanings conducted on the cyclone system.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p>
<p>(b) The Permittee shall maintain records of the monthly and 12-month rolling total hours for this process and shall retain the information in a form suitable for inspection for a period of five years from the date of generation of each record.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p>

Federally Enforceable Provisos	Regulations
<p>(c) For the emission monitoring performed in accordance with Proviso No. 4 above, 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 1st – June 30th and July 1st – December 31st). The report shall include the following information for these emission units:</p> <ul style="list-style-type: none"> (i) A statement as to whether all observations for 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 cyclone system 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) greater than normal visible emissions were observed from the cyclone or (2) an inspection of the cyclone system indicated that cleaning or emissions-related maintenance was needed. (iv) The 12-month rolling totals for the operating hours calculated during the reporting period. 	<p>ADEM Admin. Code r. 335-3-16-.05</p>

Emission Unit Nos. 004, 005, and 006 (Lumber Dry Kilns)

Summary Page

Description: Three 117.5 MBF Lumber Dry Kilns

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
004, 005 and 006	Lumber Dry Kilns	PM	$E = 3.59P^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
		PM ₁₀	0.022lb/MBF	ADEM Admin. Code r. 335-3-14-.04
		VOC	4.52 lb/MBF	ADEM Admin. Code r. 335-3-14-.04

Emission Unit Nos. 004, 005, and 006 (Lumber Dry Kilns)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-14-.04, "Air Permits Authorizing Construction in Clean Air Areas [Prevention of Significant Deterioration Permitting (PSD)]"</p> <p>(c) These sources are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)</p>
<p>2. <u>Emission Standards</u></p> <p>(a) The Permittee shall not cause or allow the emission of particulate matter from these sources in excess of the amount determined by the use of the following equation:</p> $E = 3.59P^{0.62}$ <p>where E = Emissions in lb/hr</p> <p>P = Process Weight in T/hr.</p> <p>(b) The Permittee shall not cause or allow the emission of volatile organic compounds from each of these sources in excess of 4.52 lb/MBF, measured as pinenes.</p> <p>(c) The Permittee shall not cause or allow the emission of particulate matter equal to or less than 10 microns in diameter from each of these sources in excess of 0.022 lb/MBF.</p>	<p>ADEM Admin. Code r. 335-3-4-.04(1)</p> <p>ADEM Admin. Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-14-.04</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) If testing is required, the particulate emission rate from these units shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>(b) If testing is required, the particulate emissions from this process equal to or less than 10 microns in diameter shall be determined in accordance with 40 CFR Part 51, Appendix M, Method 201 or 201A or 40 CFR Part 60, Appendix A, Method 5.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p>

Federally Enforceable Provisos	Regulations
<p>(c) If testing is required, the volatile organic compound emissions from this process shall be measured in accordance with 40 CFR Part 60, Appendix A, Method 25A.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p>
<p>4. <u>Emission Monitoring</u></p>	
<p>The Permittee shall inspect and clean the dry kiln equipment at least annually.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p>	
<p>(a) The Permittee shall maintain records of emission monitoring performed in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record. These records shall include the dates and time inspections and cleanings of the dry kilns were conducted.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p>
<p>(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 1st – June 30th and July 1st – December 31st). The report shall include:</p> <p>(ii) A statement as to whether the annual inspection of the dry kilns were accomplished during the reporting period, and if so, the date and results of the inspection;</p> <p>(iii) The date(s), time, nature, and results of any corrective action taken when an inspection of the dry kilns indicated that cleaning or emissions-related maintenance was needed.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p>