



State of Mississippi



AIR POLLUTION CONTROL PERMIT

To Construct Air Emissions Equipment

**THIS CERTIFIES**

Southeastern Timber Products LLC, Ackerman Plant  
240 PCA Road  
Ackerman, MS  
Choctaw County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

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Mississippi Department of Environmental Quality

Issued/Modified: MAR 25 2014  
Expires:

Permit No. 0400-00005  
Agency Interest # 2014

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**To Construct Air Emissions Equipment**

Southeastern Timber Products LLC, Ackerman Plant

Subject Item Inventory

Permit Number:0400-00005

Activity ID No.: PER20130001

**Subject Item Inventory:**

| <b>ID</b> | <b>Designation</b> | <b>Description</b>   |
|-----------|--------------------|--|
| AI2014    | AI-2014            | Lumber Mill  |
| AREA1     | AA-006             | Planer Mill with Cyclone and Baghouse  |
| AREA2     | AA-005             | Planer Mill Hog with Cyclone   |
| CONT1     | AA-002             | Fuel Storage Bin Cyclone   |
| CONT5     | AA-007             | Cyclone for Planer Mill Storage Bin Overflow                                   |
| EQPT1     | AA-001             | No. 3 Continuous Feed Dry Kiln with a 30 MMBTU/hr Slope Grate Woodwaste Burner |
| EQPT2     | AA-003             | No. 1 Dry Kiln with two McConnell Cyclo-Woodwaste Burners                      |
| EQPT3     | AA-004             | No. 2 Dry Kiln with two McConnell Cyclo-Woodwaste Burners                      |

**Subject Item Groups:**

| <b>ID</b> | <b>Description</b>            | <b>Components</b>  |
|-----------|-------------------------------|--|
| GRPT1     | AA-002; AA-005 through AA-007 | AREA1 Planer Mill with Cyclone and Baghouse  |
|           |                               | AREA2 Planer Mill Hog with Cyclone   |
|           |                               | CONT1 Fuel Storage Bin Cyclone   |
|           |                               | CONT5 Cyclone for Planer Mill Storage Bin Overflow                                   |
| GRPT2     | AA-001, AA-003, and AA-004    | EQPT1 No. 3 Continuous Feed Dry Kiln with a 30 MMBTU/hr Slope Grate Woodwaste Burner |
|           |                               | EQPT2 No. 1 Dry Kiln with two McConnell Cyclo-Woodwaste Burners                      |
|           |                               | EQPT3 No. 2 Dry Kiln with two McConnell Cyclo-Woodwaste Burners                      |

**Relationships:**

**To Construct Air Emissions Equipment**

Southeastern Timber Products LLC, Ackerman Plant

Subject Item Inventory

Permit Number:0400-00005

Activity ID No.: PER20130001

| <b>Subject Item</b>                                | <b>Relationship</b> | <b>Subject Item</b>                         |
|--|---------------------|---|
| CONT5 Cyclone for Planer Mill Storage Bin Overflow | Controls            | AREA1 Planer Mill with Cyclone and Baghouse |

|                                 |  |
|---------------------------------|--|
| <b>KEY</b>                      |  |
| ACT = Activity                  | AI = Agency Interest                         |
| AREA = Area                     | CAFO = Concentrated Animal Feeding Operation |
| CONT = Control Device           | EQPT = Equipment                             |
| IA = Insignificant Activity     | IMPD = Impoundment                           |
| MAFO = Animal Feeding Operation | PCS = PCS                                    |
| RPNT = Release Point            | TRMT = Treatment                             |
| WDPT = Withdrawal Point         |  |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**AI0000002014 (AI-2014) Lumber Mill:**

**Submittal/Action Requirements:**

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| Condition No. | Condition   |
|---------------|---|
| S-1           | General Condition: The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [11 Miss. Admin. Code Pt. 2, R. 2.5.D.] |
| S-2           | Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [11 Miss. Admin.Code Pt. 2, R.2.5.C(2).]   |
| S-3           | The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(4).]  |

**Narrative Requirements:**

**General Condition:**

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| Condition No. | Condition   |
|---------------|---|
| T-1           | General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [11 Miss. Admin.Code Pt. 2, R.2.5.A.] |
| T-2           | General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]   |
| T-3           | General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits. [Miss. Code Ann. 49_17_29]   |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**AI0000002014 (continued):**

**Narrative Requirements:**

**General Condition:**

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| Condition No. | Condition   |
|---------------|---|
| T-4           | General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10]   |
| T-5           | General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff and/or their authorized representatives, upon the presentation of credentials:<br>a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and<br>b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring equipment or monitoring method required in this permit, and to sample any air emission. [Miss. Code Ann. 49_17_21] |
| T-6           | General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for good cause shown including, but not limited to, the following: a. Persistent violation of any terms or conditions of this permit; b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or c. A change in any condition that requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [11 Miss. Admin.Code Pt. 2, R.2.2.C.]   |
| T-7           | General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49_17_39]   |

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| Condition No. | Condition   |
|---------------|---|
| T-8           | General Condition:This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R.2.1.D.]   |
| T-9           | General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for operating without a valid permit pursuant to State Law. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).] |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**AI0000002014 (continued):**

Narrative Requirements:

| Condition No. | Condition  |
|---------------|--|
| T-10          | General Condition: It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [11 Miss. Admin.Code Pt. 2, R.2.1.D(6).]   |
| T-11          | General Condition: The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. [11 Miss. Admin.Code Pt. 2, R.2.1.D(7).]  |
| T-12          | General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit, unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]   |
| T-13          | General Condition: The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]   |
| T-14          | General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(c).]  |
| T-15          | General Condition: The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(d).] |
| T-16          | General Condition: This permit shall not be transferred except upon approval of the Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.16.B.]   |
| T-17          | General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin.Code Pt. 2, R.1.1.D(7).]   |
| T-18          | General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(1).]   |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**AI0000002014 (continued):**

Narrative Requirements:

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| Condition No. | Condition  |
|---------------|--|
| T-19          | General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [11 Miss. Admin.Code Pt. 2, R.2.5.D(3).]  |
| T-20          | General Condition: Except as prohibited in 11 Miss. Admin. Code Pt. 2,R. 2.5.D(7) after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by APC-S-2, Section XIII.G. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).]  |
| T-21          | General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).] |
| T-22          | General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).]   |
| T-23          | General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [11 Miss. Admin.Code Pt. 2, R.2.5.D(7).]   |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**AI0000002014 (continued):**

Narrative Requirements:

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| Condition No. | Condition  |
|---------------|--|
| T-24          | <p>General Condition: Regarding compliance testing:</p> <p>(a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.</p> <p>(b) Compliance testing will be performed at the expense of the permittee.</p> <p>(c) Each emission sampling and analysis report shall include but not be limited to the following:</p> <ol style="list-style-type: none"><li>1. detailed description of testing procedures;</li><li>2. sample calculation(s);</li><li>3. results; and</li><li>4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&amp;(6).]</li></ol> |
| T-25          | <p>General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).]</p>  |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**AREA0000000001 (AA-006) Planer Mill with Cyclone and Baghouse:**

Limitation Requirements:

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| Condition No. | Parameter | Condition   |
|---------------|-----------|---|
| L-1           | Opacity   | For Emission Point AA-006, the permittee shall have emissions of Opacity $\leq$ 40 % as determined by EPA Test Method 9 as found in 40 CFR Part 60, Appendix A. [11 Miss. Admin. Code Pt. 2, Ch. 1. 3.1] This requirement is applicable during the following months: Jan-Dec. |

Narrative Requirements:

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| Condition No. | Condition   |
|---------------|---|
| T-1           | <p>Beginning April 23, 1996, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-006, the Planer Mill Cyclone (S-1), Reference No. 009b, equipped with a baghouse.</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. li.B(10)]</p> |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**AREA0000000002 (AA-005) Planer Mill Hog with Cyclone:**

Limitation Requirements:

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| Condition No. | Parameter | Condition   |
|---------------|-----------|---|
| L-1           | Opacity   | For Emission Point AA-005, the permittee shall have emissions of Opacity <= 40 % as determined by EPA Test Method 9 as found in 40 CFR Part 60, Appendix A. [11 Miss. Admin. Code Pt. 2, Ch. 1. 3.1] This requirement is applicable during the following months: Jan-Dec. |

Narrative Requirements:

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| Condition No. | Condition  |
|---------------|--|
| T-1           | Beginning April 23, 1996, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-005, the Planer Mill Hog cyclone (S-2), Reference No. 009a.<br><br>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)] |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**CONT0000000001 (AA-002) Fuel Storage Bin Cyclone:**

Limitation Requirements:

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| Condition No. | Parameter | Condition   |
|---------------|-----------|---|
| L-1           | Opacity   | For Emission Point AA-002, the permittee shall have emissions of Opacity $\leq$ 40 % as determined by EPA Test Method 9 as found in 40 CFR Part 60, Appendix A. [11 Miss. Admin. Code Pt. 2, Ch. 1. 3.1] This requirement is applicable during the following months: Jan-Dec. |

Narrative Requirements:

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| Condition No. | Condition   |
|---------------|---|
| T-1           | Beginning April 23, 1996, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-002, the Fuel storage bin cyclone (Reference No. 009d) for the slope grate burner.<br><br>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)] |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**CONT0000000005 (AA-007) Cyclone for Planer Mill Storage Bin Overflow:**

Limitation Requirements:

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| Condition No. | Parameter | Condition  |
|---------------|-----------|--|
| L-1           | Opacity   | For Emission Point AA-007, the permittee shall have emissions of Opacity <= 40 % as determined by EPA Test Method 9 as found in 40 CFR Part 60, Appendix A. [APC-S-1 3.1] This requirement is applicable during the following months: Jan-Dec. |

Narrative Requirements:

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| Condition No. | Condition   |
|---------------|---|
| T-1           | Beginning April 23, 1996, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-007, the Planer Mill Storage Bin Overflow Cyclone (Reference No. 009e).<br><br>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [APC-S-2 Ii.B(10)] |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**EQPT0000000001 (AA-001) No. 3 Continuous Feed Dry Kiln with a 30 MMBTU/hr Slope Grate Woodwaste Burner:**

**Limitation Requirements:**

| Condition No. | Parameter | Condition   |
|---------------|-----------|---|
| L-1           | VOC       | VOC: For Emission Point AA-001, the permittee shall limit emissions of VOC to <= 249.9 tons/yr. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.B(10)]  |
| L-2           |           | For Emission Point AA-001, the permittee is restricted to an annual drying limitation of 105,443,038 board-feet of lumber in any consecutive twelve (12) month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.B10] |

**Monitoring Requirements:**

| Condition No. | Parameter | Condition  |
|---------------|-----------|--|
| M-1           |           | <p>For Emission Point AA-001, the permittee shall demonstrate compliance with VOC emission limitations utilizing EPA Approved Methods 25A and OTM 26 (also known as WPP1 VOC) or their approved equivalents, by performing a one-time compliance demonstration test (stack test) in accordance with the specified methods and procedures outlined below:</p> <ol style="list-style-type: none"> <li>a. The compliance demonstration test shall be conducted within 90 days of achieving normal operation, but no later than 180 days after initial startup of the modified emission point.</li> <li>b. A written test protocol must be submitted at least thirty (30) days prior to the intended test dates to ensure that all test methods and procedures are acceptable to the Office of Pollution Control. Any variances from the EPA approved test methods should be requested as part of this test protocol.</li> <li>c. If needed, the permittee may request a pretest conference to discuss the test methods and procedures. The pretest conference should be scheduled at least thirty (30) days prior to the test date.</li> <li>d. A notification of the scheduled test date(s) should be submitted ten (10) days prior to the scheduled date(s) so that an observer may be afforded the opportunity to witness the test.</li> <li>e. Testing must be performed at no less than 80% of capacity of the system, unless otherwise approved in writing by the Office of Pollution Control.</li> <li>f. A written test report shall be submitted to the Office of Pollution Control (OPC) within 60 days following completion of the test. [11 Miss. Admin. Code Pt. 2, Ch. 2. VI.B(1)]</li> </ol> |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**EQPT0000000001 (continued):**

**Record-Keeping Requirements:**

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| Condition No. | Condition  |
|---------------|--|
| R-1           | For Emission Point AA-001 the permittee shall record the amount of lumber dried (in board-feet) on both a monthly basis and a total for each consecutive twelve (12) month period. These records shall be maintained on site for at least five (5) years and shall be made available upon request to Office of Pollution Control personnel. [11 Miss. Admin. Code Pt. 2, Ch. 2. R. 2.2(B)10] |

**Submittal/Action Requirements:**

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| Condition No. | Condition   |
|---------------|---|
| S-1           | For Emission Point AA-001 the permittee shall submit a semi-annual report summarizing the total amount of lumber dried each month and the total for each twelve (12) month period. The report shall be submitted no later than 30 days following the end of the calendar period. [11 Miss. Admin. Code Pt. 2, Ch. 2. R. 2.2(B)10] |

**Narrative Requirements:**

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| Condition No. | Condition  |
|---------------|--|
| T-1           | <p>Beginning upon permit modification date, the permittee is authorized to construct or modify air emissions equipment for the emission of air contaminants from Emission Point AA-001, the No. 3 Continuous Dry Kiln.</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]</p> |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**EQPT0000000002 (AA-003) No. 1 Dry Kiln with two McConnell Cyclo-Woodwaste Burners:**

**Limitation Requirements:**

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| Condition No. | Parameter | Condition   |
|---------------|-----------|---|
| L-1           | VOC       | VOC: For Emission Points AA-003 and AA-004 combined, the permittee shall limit emissions of VOCs to <=153 tons/yr. [11 Miss. Admin. Code Pt. 2, Ch. 2. R 2.2.B(10)]   |
| L-2           |           | For Emission Points AA-003 and AA-004 combined, the permittee is restricted to an annual drying limitation of 64,556,962 board-feet of lumber in any consecutive twelve (12) month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.B(10)] |

**Record-Keeping Requirements:**

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| Condition No. | Condition   |
|---------------|---|
| R-1           | For Emission Points AA-003, and AA-004 combined, the permittee shall record the amount of lumber dried (in board-feet) on both a monthly basis and a total for each consecutive twelve (12) month period. These records shall be maintained on site for at least five (5) years and shall be made available upon request to Office of Pollution Control personnel. [11 Miss. Admin. Code Pt. 2, Ch. 2. R. 2.2(B)10] |

**Submittal/Action Requirements:**

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| Condition No. | Condition  |
|---------------|--|
| S-1           | For Emission Points AA-003, and AA-004 combined, the permittee shall submit a semi-annual report summarizing the total amount of lumber dried each month and the total for each twelve (12) month period. The report shall be submitted no later than 30 days following the end of the calendar period. [11 Miss. Admin. Code Pt. 2, Ch. 2. R. 2.2(B)10] |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**EQPT0000000002 (continued):**

Narrative Requirements:

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| Condition | Condition  |
|-----------|--|
| T-1       | Beginning April 23, 1996, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-003, the No. 1 Dry Kiln with two McConnell Cyclo-burners (Reference No. 006).<br><br>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 1. II.B(10)] |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**EQPT0000000003 (AA-004) No. 2 Dry Kiln with two McConnell Cyclo-Woodwaste Burners:**

Limitation Requirements:

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| Condition No. | Parameter | Condition   |
|---------------|-----------|---|
| L-1           | VOC       | VOC: For Emission Points AA-003 and AA-004 combined, the permittee shall limit emissions of VOCs to <=153 tons/yr. [11 Miss. Admin. Code Pt. 2, Ch. 2. R 2.2.B(10)]   |
| L-2           |           | For Emission Points AA-003 and AA-004 combined, the permittee is restricted to an annual drying limitation of 64,556,962 board-feet of lumber in any consecutive twelve (12) month period. [11 Miss. Admin. Code Pt. 2, Ch. 2. 2.B(10)] |

Narrative Requirements:

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| Condition No. | Condition  |
|---------------|--|
| T-1           | Beginning April 23, 1996, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-004, the No. 2 Dry Kiln with two McConnell Cyclo-burners (Reference No. 007).<br><br>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified herein. [11 Miss. Admin. Code Pt. 2, Ch. 1. II.B(10)] |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**GRPT0000000001 (Process Weight) AA-002; AA-005 through AA-007:**

Limitation Requirements:

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| Condition No. | Parameter | Condition  |
|---------------|-----------|--|
| L-1           |           | <p>For Emission Points AA-002, and AA-005 through AA-007, the permittee shall not cause, permit or allow the emission of particulate matter in total quantities in any one hour from the emission points to exceed the amount determined by the relationship:</p> $E = 4.1(p^{0.67})$ <p>Where:<br/>E is the emission rate in pounds per hour<br/>P is the process weight input rate in tons per hour<br/>Where E is determined by EPA Test Methods 1-5, 40 CFR 60, Appendix A. [11 Miss. Admin. Code Pt. 2, Ch. 1. 3.6]</p> |

**To Construct Air Emissions Equipment**  
Southeastern Timber Products LLC, Ackerman Plant  
Facility Requirements  
Permit Number:0400-00005  
Activity ID No.: PER20130001

**GRPT0000000002 (Lumber Drying Kilns) AA-001, AA-003, and AA-004:**

Limitation Requirements:

| Condition No. | Parameter | Condition  |
|---------------|-----------|--|
| L-1           | Opacity   | For Emission Points AA-001, AA-003, and AA-004, the permittee shall have emissions of Opacity <= 40 % as determined by EPA Test Method 9 as found in 40 CFR Part 60, Appendix A. [11 Miss. Admin. Code Pt. 2, Ch. 1. 3.1] This requirement is applicable during the following months: Jan-Dec.   |
| L-2           | VOC       | VOC: For Emission Points AA-001, AA-003, and AA-004, the permittee shall limit emissions of VOCs to <= 4.74 lb/MBF. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)]  |
| L-3           |           | For Emission Points AA-001, AA-003, and AA-004, the permittee is subject to and shall comply with the National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products. 40 CFR 63 Subpart DDDD. These units are affected sources per 40 CFR 63.2231(a) of the rule. However, the only applicable requirement is the initial notification. There are no other applicable monitoring, recordkeeping, or reporting requirements for these emission points in Subpart DDDD. [40 CFR 63] |

Narrative Requirements:

| Condition No. | Condition   |
|---------------|---|
| T-1           | For Emission Points AA-001, AA-003, and AA-004, the permittee shall use only uncontaminated woodwaste such as that derived from the facility's sawmill and planer mill as fuel. [11 Miss. Admin. Code Pt. 2, Ch. 2. II.B(10)] |

## GENERAL INFORMATION

Southeastern Timber Products LLC, Ackerman Plant

240 PCA Road  
Ackerman, MS  
Choctaw County

### Alternate/Historic Identifiers

| ID           | Alternate/Historic Name                             | User Group                   | Start Date | End Date   |
|--------------|---|------------------------------|------------|------------|
| 2014         | Southeastern Timber Products, LLC                   | Official Site Name           | 5/27/2010  |            |
| 2801900005   | Southeastern Timber Products LLC, Ackerman Plant    | Air-AIRS AFS                 | 10/12/2000 |            |
| 040000005    | Packaging Corporation of America, Ackerman Plant    | Air-Title V Operating        | 7/30/1997  | 7/1/2002   |
| MSR000945    | Packaging Corporation of America, Ackerman Plant    | GP-Baseline                  | 2/9/1994   | 7/13/1997  |
| MS0023558    | Packaging Corporation of America, Ackerman Plant    | Water - NPDES                | 6/26/1997  | 6/26/1997  |
| MSU094192    | Packaging Corporation of America, Ackerman Plant    | Water - SOP                  | 8/12/1997  | 7/15/2002  |
| MS0023558    | Packaging Corporation of America, Ackerman Plant    | Water - NPDES                | 12/1/1999  | 9/24/2004  |
| MSU094192    | Packaging Corporation of America, Ackerman Plant    | Water - SOP                  | 12/1/1999  | 12/1/1999  |
| MSR000945    | Packaging Corporation of America, Ackerman Plant    | GP-Baseline                  | 12/13/2000 | 12/27/2005 |
| 040000005    | Packaging Corporation of America, Ackerman Plant    | Air-Title V Operating        | 10/28/2002 | 9/30/2007  |
| SW0100040484 | Packaging Corporation of America, Ackerman Landfill | SolidWaste - NonMSW Landfill | 9/20/2000  | 9/20/2010  |
| MS0023558    | Packaging Corporation of America, Ackerman Plant    | Water - NPDES                | 9/24/2004  | 8/31/2009  |
| MSR000945    | Packaging Corporation of America, Ackerman Plant    | GP-Baseline                  | 12/27/2005 | 6/15/2010  |
| 040000005    | Southeastern Timber Products LLC, Ackerman Plant    | Air-Title V Fee Customer     | 7/30/1997  |            |
| 040000005    | Packaging Corporation of America, Ackerman Plant    | Air-Title V Operating        | 12/21/2007 | 6/15/2010  |
| MSR105125    | Packaging Corporation of America, Ackerman Plant    | GP-Construction              | 7/16/2008  | 5/31/2010  |
| 2014         | Packaging Corporation of America                    | Historic Site Name           | 2/9/1994   | 5/27/2010  |
| MS0023558    | Southeastern Timber Products LLC, Ackerman Plant    | Water - NPDES                | 6/15/2010  | 5/31/2015  |
| 040000005    | Southeastern Timber Products LLC, Ackerman Plant    | Air-Title V Operating        | 6/15/2010  | 11/30/2012 |
| MSR000945    | Southeastern Timber Products LLC, Ackerman Plant    | GP-Baseline                  | 6/15/2010  | 9/30/2010  |
| MSR000945    | Southeastern Timber Products LLC, Ackerman Plant    | GP-Baseline                  | 3/4/2011   | 9/28/2015  |
| 040000005    | Southeastern Timber Products LLC, Ackerman Plant    | Air-Construction             | 4/4/2011   |            |

**Basin:** Pearl River Basin

## GENERAL INFORMATION

**Location Description:**PG - Plant Entrance (General). Data collected by David Hall on 11/18/2005

**General Facility Description:** Renewal application for a Title V Permit