



Department of Environmental Protection

Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struhs
Secretary

PERMITTEE:

Georgia Pacific Corporation
Post Office Box 1329
Lake City, FL 32056

I.D. Number: 0230043
Permit/Cert Number: 0230043-003-AO
Date of Issue: Sept. 5, 2003
Expiration Date: Sept. 5, 2008
County: Columbia
Latitude/Longitude: 30° 10' 40" N; 82° 35' 38" W
UTM: (17) E-346.52; N-3339.35
Project: Lake City Distribution Center

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-210, 62-212, 62-272, 62-296, 62-297 and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

PROJECT 003

Initial Air Operating permit for the operation of a saw mill that consists of a cyclone to collect sawdust.

FACILITY DESCRIPTION

This facility is a mill that cuts-to-size lumber and panel boards¹ for the use in manufacturing of mobile homes. The woodworking operations equipment includes 1 rip saw, 1 shaper, and 6 saws. Particulate matter emissions from the equipment are pneumatically suctioned to a 24,000-dscfm cyclone that transfers the sawdust via a large tubular chute that is connected to an opening in the side of a truck or bin. The collected sawdust is then sold to the Georgia-Pacific Corporation paper mill in Palatka, FL.

For informational purposes: Potential PM emissions from this operation are estimated to be 58.6 TPY. This is based on a 0.065 gr/scf emission factor resulting from cyclone testing conducted at another Georgia-Pacific Mill processing a similar material.

¹Panel boards may include plywood, OSB, MDF, hardboard, particleboard, and the like.

REGULATORY CLASSIFICATION

This facility is subject to regulation under Rule 62-296.320(4)(a)2. F.A.C.,

OPERATING LOCATION

Located at Price Creek Road/Highway 100, Lake City, Columbia County, Florida.

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

Construction Permit No. 0230043-001-AC

Application For Air Permit – August 11, 2003

PERMITTEE:
Georgia Pacific Corporation
Post Office Box 1329
Lake City, FL 32056

I.D. Number: 0230043
Permit/Cert: 0230043-003-AO
Date of Issue: Sept. 5, 2003
Expiration Date: Sept. 5, 2008

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under the conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

PERMITTEE:
Georgia Pacific Corporation
Post Office Box 1329
Lake City, FL 32056

I.D. Number: 0230043
Permit/Cert: 0230043-003-AO
Date of Issue: Sept. 5, 2003
Expiration Date: Sept. 5, 2008

GENERAL CONDITIONS:

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Compliance with New Source Performance Standards (NSPS)

PERMITTEE:
Georgia Pacific Corporation
Post Office Box 1329
Lake City, FL 32056

I.D. Number: 0230043
Permit/Cert: 0230043-003-AO
Date of Issue: Sept. 5, 2003
Expiration Date: Sept. 5, 2008

GENERAL CONDITIONS:

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the dates analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

PERMITTEE:
Georgia Pacific Corporation
Post Office Box 1329
Lake City, FL 32056

I.D. Number: 0230043
Permit/Cert: 0230043-003-AO
Date of Issue: Sept. 5, 2003
Expiration Date: Sept. 5, 2008

SPECIFIC CONDITIONS:

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

1. **Hours of Operation:** The hours of operation are not limited and shall be recorded.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]
2. **Permitted Capacity:** The maximum board footage processed shall not exceed 45 msf per 8 hours. The maximum lumber footage processed shall not exceed 275,000.00 board feet per 8 hours.

{Permitting note: The capacity limitation has been placed in the permit to identify the capacity of each unit for the purposes of confirming that emissions testing is conducted within 90 to 100 percent of the unit's rated capacity (or to limit future operation to 110 percent of the test load), to establish appropriate emission limits and to aid in determining future rule applicability.}

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

3. **Unconfined Particulate Matter Emissions – Cyclone:** Unconfined Particulate Matter Emissions from the sawing and shaper operations shall be controlled by the cyclone. [Rule 62-296.320(4)(c), F.A.C.]
4. **Visible Emissions - Cyclone:** Visible emissions from the cyclone exhaust shall not be equal to or greater than 20% opacity. [Rule 62-296.320(4)(b)1., F.A.C.]
5. **Unconfined Particulate Matter Emissions - Facility.** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any emissions unit whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emissions.
[Rule 62-296.320(4)(c)1, F.A.C.]
6. **Cyclone Operation:** The cyclone separator shall be in operation during all times the woodworking equipment is operating. [Rule 62-210.650, F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

7. **Compliance Testing:** Test the emissions for the following pollutant(s) during each federal fiscal year (Oct. 1 – Sept. 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted. Notify the Department 15 days prior to testing and submit the test report documentation to the Department within 45 days after completion of the testing.

<u>Pollutant</u>	<u>Test Method</u>	<u>FAC Rule</u>
VE	DEP Method 9	62-296.320(4)(b)4.a.

[Rules 62-297.310(7)(a)1., F.A.C., 62-297.310(7)(a)9.,F.A.C., 62-297.310(8)(b), F.A.C., and 62-297.310(7)(a)4, F.A.C.]

8. **Operation During Compliance Test:** Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity as defined below. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. [Rule 62-297.310(2)(b), F.A.C.]

PERMITTEE:
Georgia Pacific Corporation
Post Office Box 1329
Lake City, FL 32056

I.D. Number: 0230043
Permit/Cert: 0230043-003-AO
Date of Issue: Sept. 5, 2003
Expiration Date: Sept. 5, 2008

9. **Compliance Test Procedures:** Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.
[Rule 62-296.320(4)(b)4.b, F.A.C.]
10. **Requirements for Annual Testing:** The owner or operator shall meet all applicable requirements of Rule 62-297.310(7)(a), F.A.C.
[Rule 62-297.310(7)(a), F.A.C.]
11. **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
[Rule 62-297.310(5)(a), F.A.C.]
12. **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.
[Rule 62-297.310(5)(b), F.A.C.]

REPORTING AND RECORDKEEPING REQUIREMENTS

13. **Reporting and Recordkeeping.** The owner or operator shall maintain a complete file of the following information on a legible form, shall be retained for at least three years and available for inspection:
 - A. Maximum board footage;
 - B. Maximum lumber footage processed;
 - C. Hours of operation,[Rule 62-4.160(14)(b), F.A.C.]

ADMINISTRATIVE

14. The I.D. No. and Project name for this source shall be used on all correspondence.
15. Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.
16. A completed **Application for Air Permit – Non-Title V Source Renewal** [DEP Form No. 62-210.900(4), F.A.C.] shall be submitted to the Department at least 60 days prior to the expiration date of this operation permit. To properly apply for an operation permit, the permittee shall submit the appropriate application form, processing fee, and compliance test reports as required by this permit.
[Rules 62-4.055 and 62-4.220, F.A.C.]

PERMITTEE:
Georgia Pacific Corporation
Post Office Box 1329
Lake City, FL 32056

I.D. Number: 0230043
Permit/Cert: 0230043-003-AO
Date of Issue: Sept. 5, 2003
Expiration Date: Sept. 5, 2008

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Christopher L. Kirts, P.E.
District Air Program Administrator