

COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Preston Bryant Secretary of Natural Resources SOUTH CENTRAL REGIONAL OFFICE 7705 Timberlake Road, Lynchburg, Virginia 24502 (434) 582-5120 Fax (434) 582-5125 www.deg.virginia.gov

David K. Paylor Director

Thomas L. Henderson Regional Director

July 17, 2006

Mr. Tony Marsh Plant Manager Columbia Forest Products P.O. Drawer F Chatham, VA 24531

Location: Pittsylvania County

Registration No.: 30120

Dear Mr. Marsh:

Attached is a permit to modify and operate a consolidated hardwood plywood panel manufacturing facility in accordance with the provisions of the Virginia State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. This permit supersedes your permit dated August 28, 2003.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation, civil charges, and/or possibly criminal prosecution. Please read all permit conditions carefully.

The Department of Environmental Quality (DEQ) deemed the application complete on January 19, 2006, and has determined that the application meets the requirements of 9 VAC 5-80-990 A for a significant amendment to a state operating permit. The Department solicited written public comments by placing a newspaper advertisement in the Danville "Register & Bee" on January 30, 2006. The required comment period provided by 9 VAC 5-80-1170 D expired on March 1, 2006. A public hearing was held on March 8, 2006.

This permit approval to modify and operate shall not relieve Columbia Forest Products of the responsibility to comply with all other local, state, and federal permit regulations. DEQ takes this occasion to encourage CFP to evaluate the proposed installation and the existing plant for opportunities to reduce noise and any other adverse impact on the community. DEQ also encourages CFP to implement a deliberate program to monitor the impact of this project on the

community and, should this effort show adverse impact, implement measures to mitigate those impacts.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. 9 VAC 5-170-180 provides that you may request direct consideration of the decision by the Board if the Director of the DEQ made the decision. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director Department of Environmental Quality P. O. Box 10009 Richmond, VA 23240-0009

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact the Allen Armistead at the regional office at 434-582-5120.

Sincerely,

T. L. Henderson

Regional Director, South Central Regional Office

TLH/EAA

Attachments: Permit

NSPS, Subpart Dc

Source Testing Report Format

cc: Director, OAPP (electronic file submission)

Manager, Data Analysis (electronic file submission)

Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III

Manager/Inspector, Air Compliance



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David K. Paylor Director

Thomas L. Henderson Regional Director

STATIONARY SOURCE PERMIT TO OPERATE This permit includes designated equipment subject to New Source Performance Standards (NSPS).

This permit supersedes your permit dated August 28, 2003.

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Columbia Forest Products P.O. Drawer F Chatham, VA 24531 Registration No.: 30120 AIRS ID No.: 51-143-00017

is authorized to operate

a hardwood panel consolidation facility

located at

100 Paul Road SW Chatham, Virginia

in accordance with the Conditions of this permit.

Approved on July 17, 2006

T. L. Henderson

Regional Director, South Central Regional Office

Permit consists of 12 pages. Permit Conditions 1 to 39. Source Testing Report Format

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<u>PERMIT CONDITIONS</u> - the regulatory reference or authority for each condition is listed in parentheses () after each condition.

APPLICATION

1. Except as specified in this permit, the permitted facility is to be constructed and operated as represented in the permit application dated May 25, 2005, including amendment information dated July 15, 2005, the permit application dated February 9, 2000, including amendment information dated March 10, 2000, February 29, 2000, February 23, 2000, and February 21, 2003; the permit application dated November 25, 1996, including amendment information dated November 4, 1997; the permit application dated May 11, 1999; the permit application dated September 13, 1999; the permanent shutdown letter executed April 22, 2003; and exemption request dated July 23, 2003 and August 25, 2003. Any changes in the permit application specifications or any existing facilities which alter the impact of the facility on air quality may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action:

(9 VAC 5-80-830)

PROCESS REQUIREMENTS

- 2. Equipment List Equipment to be constructed and operated at this facility consists of:
 - a Hurst wood-fired boiler (Ref. B2) rated at 12.6 MMBtu/hr (NSPS)
 - a wood grinder (Ref. WG) with electric motor drive

Other equipment to be operated at this facility consists of:

- a wood-fired boiler (Ref. B1) rated at 7 MMBtu/hr (to be replaced by the 12.6 MMBtu/hr wood-fired boiler (Ref. B2))
- a wood hog (Ref. WH) (to be replaced by the wood grinder (Ref. WG))
- UV finishing line consisting of:
 - UV-cured stain coating operation (1 roll coater)
 - UV-cured sealant/topcoat coating operation (3 roll coaters)
- three glue spreaders (2 that are 104" wide and 1 that is 120" wide)
- a Baldwin 24-opening hot press
- a Williams White hot press
- a three zone dust collection system containing four fabric filters:
 - Zone 1 (Ref. HB) rated at 13,000 cfm
 - Zone 2 (Ref. PB(N)) rated at 40,000 cfm and (Ref. UVB) rated at 9,000 cfm
 - Zone 3 (Ref. CB) rated at 27,000 cfm

The woodworking equipment consists of assorted pieces of woodworking equipment, including but not limited to:

- Progressive saw
- sanders (back, face, and 1/4")

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3. **Emission Controls** - Particulate emissions from the wood-fired boiler shall be controlled by a multicyclone. The multicyclone shall be provided with adequate access for inspection and shall be in operation when the wood-fired boiler is operating. (9 VAC 5-50-260 and 9 VAC 5-80-850)

4. **Monitoring Devices** - The wood-fired boiler multicyclone shall be equipped with devices to continuously measure the differential pressure drop.

Each monitoring device shall be installed, maintained, calibrated, and operated in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the multicyclone is operating. (9 VAC 5-80-1180, 9 VAC 5-50-20C, 9 VAC 5-50-260 and 9 VAC 5-80-850)

5. Emission Controls - Particulate emissions from all wood dust collection systems shall be controlled by a fabric filter and/or a closed-loop system. The fabric filters shall be provided with adequate access for inspection.

(9 VAC 5-80-1180, 9 VAC 5-50-260, and 9 VAC 5-80-850)

6. **Emission Controls** - All subsequent transfer of the collected material from the wood dust collections systems, including truck loading, shall be controlled by a fabric filter, a closed-loop system, and/or a completely enclosed transfer system. Fugitive particulate emissions from the collection and transferring of collected wood dust shall be controlled by complete enclosure.

(9 VAC 5-80-850)

- 7. Emission Unit Replacement The existing 7 MMBtu/hr wood-fired boiler (Ref. B1) shall be replaced with the 12.6 MMBtu/hr wood-fired boiler (Ref. B2). Reactivation of the replaced unit may require a permit. (9 VAC 5-20-220)
- 8. Emission Unit Replacement The existing wood hog (Ref. WH) shall be replaced with the wood grinder (Ref. WG). Reactivation of the replaced unit may require a permit. (9 VAC 5-20-220)
- 9. Stack Height The boiler B-2 stack shall be a minimum of 65 feet above ground level or 5 feet above the height of the nearest structure, whichever is greater.

 (9 VAC 5-80-1120 and 9 VAC 5-80-1180)

OPERATING/EMISSION LIMITATIONS

10. **Processing** - The UV finishing line shall process no more than 84,096,000 square feet of plywood surface per year, calculated as the sum of each consecutive 12-month period. (9 VAC 5-80-850)

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11. Fuel - The approved fuel for the wood-fired boiler is wood and production residue generated from the hardwood panel consolidation facility operations, as collected by the facility's dust collection systems, excluding any wood products that contain wood preservative chemical treatments or paper laminates or plastic laminates. A change in the fuel may require a permit to modify and operate.

(9 VAC 5-80-1180 and 9 VAC 5-80-850)

12. Fuel Throughput - The 12.6 MMBtu/hr wood-fired boiler (Ref. B2) shall consume no more than 6898 tons of approved fuel per year, calculated monthly as the sum of each consecutive 12-month period.

(9 VAC 5-80-1180 and 9 VAC 5-80-850)

13. Emission Limits - Emissions from the dust system controlled by UVB (including the roll coater sanders) shall not exceed the limits specified below:

Particulate Matter 0.01 gr/dscf 3.4 tons/yr
PM-10 0.01 gr/dscf 3.4 tons/yr

The tons/yr emissions limits are derived from the estimated overall emission contribution and are included for emission inventory purposes. Compliance with these limits shall be determined as stated in Condition numbers 10 and 20. (9 VAC 5-50-260)

14. Emission Limits - Emissions from the woodworking operations, excluding the UVB dust system, shall not exceed the limits specified below:

Particulate Matter 4.0 lbs/hr 6.3 tons/yr
PM-10 4.0 lbs/hr 6.3 tons/yr

Compliance with these emission limits may be determined as stated in Condition number 28.

(9 VAC 5-80-850)

15. Emission Limits - Emissions from the operation of the 12.6 MMBtu/hr wood-fired boiler (Ref. B2) shall not exceed the limits specified below:

Particulate Matter 0.3 lbs/MMBtu 16.6 tons/yr
PM-10 0.3 lbs/MMBtu 16.6 tons/yr
Sulfur Dioxide 0.3 lbs/hr 1.4 tons/yr

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Nitrogen Oxides (as NO2)	6.2 lbs/hr	27.0 tons/yr
Carbon Monoxide	7.6 lbs/hr	33.1 tons/yr
Volatile Organic Compounds	0.2 lbs/hr	1.0 tons/yr
Acrolein	0.050 lbs/hr	0.22 tons/yr
Formaldehyde	0.189 lbs/hr	0.83 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits shall be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Condition numbers 12 and 28.

(9 VAC 5-50-260 and 9 VAC 5-60-320)

16. Emission Limits – Until replaced, emissions from the operation of the 7 MMBtu/hr woodfired boiler (Ref. B1) shall not exceed the limits specified below:

Particulate Matter	0.4 lbs/10 ⁶ Btu	12.3 tons/yr
PM-10	$0.4 \; \mathrm{lbs/10^6 \; Btu}$	12.3 tons/yr
Sulfur Dioxide	0.1 lbs/br	0.3 tons/yr

(9 VAC 5-80-850 of State Regulations)

17. **Emission Limits** - Emissions from the operation of the three sealer/topcoat roll coaters of the UV finishing line shall not exceed the limits specified below:

Volatile Organic	3.5 lbs/hr	9.0 tons/yr
Compounds		•

Compliance with these emission limits may be determined as stated in Condition number 28.

(9 VAC 5-50-260)

18. **Emission Limits** - Emissions from the use of resins by the presses shall not exceed the limits specified below:

Volatile Organic Compounds	9.2 lbs/hr	19.6 tons/yr
Formaldehyde	4.9 Ibs/hr	8.97 tons/vr

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Methanol

4.9 lbs/hr

9.8 tons/yr

Compliance with these emission limits may be determined as stated in Condition number 28.

(9 VAC 5-80-850)

- 19. Emission Limits Hazardous air pollutant (HAP) emissions, as defined by §112(b) of the Clean Air Act, from the hardwood panel consolidation facility shall not exceed 10 tons per year of any individual HAP or 25 tons per year of any combination, calculated monthly as the sum of each consecutive 12-month period. Compliance with these emission limits may be determined as stated in Condition number 28.

 (9 VAC 5-80-850)
- 20. Visible Emission Limit Visible emissions from the UVB fabric filter shall not exceed five (5) percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown and malfunction. VEE shall be performed on the UVB fabric filter exhaust in accordance with 40 CFR, Part 60, Appendix A, Method 9. The details of the tests are to be arranged with the South Central Regional Office.

 (9 VAC 5-50-260 and 9 VAC 5-50-20)
- 21. Visible Emission Limit Visible emissions from the 12.6 MMBtu/hr wood-fired boiler(Ref. B2) shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 27 percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown and malfunction.
 (9 VAC 5-50-260)
- 22. Visible Emission Limit Until replaced, visible emissions from the 7 MMBtu/hr wood-fired boiler (Ref. B1) shall not exceed 20 percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A), except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity. This condition applies at all times except during start-up, shutdown, or malfunction.

 (9 VAC 5-50-80 of State Regulations)
- 23. Visible Emission Limit Visible emissions from the presses shall not exceed 20 percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A), except during one six-minute period in any one hour in which visible emissions shall not exceed 60 percent opacity.

 (9 VAC 5-40-20 and 9 VAC 5-40-80)
- 24. Visible Emission Limit Visible emissions from any fugitive emission points shall not exceed ten (10) percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A).

(9 VAC 5-80-850 and 9 VAC 5-50-20)

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25. Requirements by Reference - Except where this permit is more restrictive than the applicable requirement, the NSPS 12.6 MMBtu/hr wood-fired boiler (Ref. B2) as described in Condition 2 shall be operated in compliance with the requirements of 40 CFR 60, Subpart Dc.

(9 VAC 5-50-400 and 9 VAC 5-50-410)

INITIAL COMPLIANCE DETERMINATION

- 26. Stack Test Initial performance tests shall be conducted for particulate matter, PM-10, carbon monoxide, formaldehyde, and acrolein from the 12.6 MMBtu/hr wood-fired boiler (Ref. B2) to determine compliance with the emission limits contained in Condition 15. The tests shall be performed, within 60 days after achieving the maximum rate at which the wood-fired boiler will be operated but in no event later than 180 days after start-up of the wood-fired boiler. Tests shall be conducted and reported and data reduced as set forth in 9 VAC 5-50-30 and 9 VAC 5-60-30, and the test methods and procedures contained in each applicable section or subpart listed in 9 VAC 5-50-410 and 9 VAC 5-60-70. The details of the tests are to be arranged with the South Central Regional Office. The permittee shall submit a test protocol at least 30 days prior to testing. One copy of the test results shall be submitted to the South Central Regional Office within 45 days after test completion. (9 VAC 5-50-30, 9 VAC 5-60-30, and 9 VAC 5-80-1200)
- 27. Visible Emissions Evaluation Concurrently with the initial performance tests, Visible Emission Evaluations (VEE) in accordance with 40 CFR Part 60, Appendix A, Method 9, shall also be conducted by the permittee on the 12.6 MMBtu/hr wood-fired boiler (Ref. B2). Each test shall consist of ten sets of 24 consecutive observations (at 15 second intervals) to yield a six minute average. The details of the tests are to be arranged with the South Central Regional Office. The permittee shall submit a test protocol at least 30 days prior to testing. The evaluation shall be performed, within 60 days after achieving the maximum production rate at which the facility will be operated but in no event later than 180 days after start-up of the wood-fired boiler. Should conditions prevent concurrent opacity observations, the South Central Regional Office shall be notified in writing, within seven days, and visible emissions testing shall be rescheduled within 30 days. Rescheduled testing shall be conducted under the same conditions (as possible) as the initial performance tests. One copy of the test result shall be submitted to the South Central Regional Office within 45 days after test completion. (9 VAC 5-50-30 and 9 VAC 5-80-1200)

RECORDS

28. On Site Records - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the South Central Regional Office. These records shall include, but are not limited to:

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- a. The daily, monthly, and annual consumption of approved fuel by the 12.6 MMBtu/hr wood-fired boiler (Ref. B2);
- b. Until replaced, the monthly and annual consumption of approved fuel by the 7 MMBtu/hr wood-fired boiler (Ref. B1);
- c. The monthly and annual production of number of square feet of plywood surface processed by the roll coater of the UV finishing line;
- d. The monthly and annual consumption of each resin by the presses;
- e. The monthly and annual consumption of coatings by the UV finishing line;
- f. The monthly and annual actual emissions material balance from all sources of emissions at the hardwood panel consolidation facility, including but not limited to the wood-fired boiler, the presses, the UV finishing line, and all woodworking operations, in tons per year, calculated using methods approved by the South Central Regional Office sufficient to maintain synthetic minor status for criteria and HAPs emissions for the Title V and Prevention of Significant Deterioration (PSD) programs;
- g. A vendor supplied certification or test data of the HAP and VOC content representative of each shipment of resin received, using a DEQ approved test method;
- h. Scheduled and unscheduled maintenance and operator training as required by Condition 35.

Annual, consumption, emissions, and production shall be calculated monthly as the sum of each consecutive 12-month period. These records shall be available for inspection by the DEQ and shall be current for the most recent five (5) years. (9 VAC 5-80-900 and 9 VAC 5-50-50)

29. **Testing/Monitoring Ports** - The permitted facility shall be constructed so as to allow for emissions testing upon reasonable notice at any time, using appropriate methods. Test ports shall be provided when requested at the appropriate locations. (9 VAC 5-50-30 F)

NOTIFICATIONS

- 30. **Initial Notifications** The permittee shall furnish written notification to the South Central Regional Office:
 - a. The actual date on which construction of the 12.6 MMBtu/hr wood-fired boiler commenced within 30 days after such date.

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- b. The anticipated start-up date of the 12.6 MMBtu/hr wood-fired boiler postmarked not more than 60 days nor less than 30 days prior to such date.
- c. The actual start-up date of the 12.6 MMBtu/hr wood-fired boiler within 15 days after such date.
- d. The anticipated date of performance tests of the 12.6 MMBtu/hr wood-fired boiler postmarked at least 30 days prior to such date.

Copies of the written notification referenced in items a., c., and d. above are to be sent to:

Associate Director
Office of Air Enforcement (3AP10)
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029]

(9 VAC 5-50-50)

GENERAL CONDITIONS

- 31. **Permit Invalidation** The portions of this permit to construct the wood-fired boiler shall become invalid, unless an extension is granted by the DEQ, if:
 - a. A program of continuous construction is not commenced before the latest of the following:
 - 18 months from the date of this permit;
 - ii. Nine months from the date that the last permit or other authorization was issued from any other governmental agency;
 - iii. Nine months from the date of the last resolution of any litigation concerning any such permits or authorization; or
 - b. A program of construction is discontinued for a period of 18 months or more, or is not completed within a reasonable time, except for a DEQ approved period between phases of a phased construction project.

(9 VAC 5-80-1210)

32. **Right of Entry** - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

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- a. To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;
- b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;
- c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and
- d. To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency. (9 VAC 5-170-130)

33. Notification for Facility or Control Equipment Malfunction - The permittee shall furnish notification to the South Central Regional Office of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more than one hour, by facsimile transmission, telephone or telegraph. Such notification shall be made as soon as practicable but no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within two weeks of discovery of the malfunction. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify South Central Regional Office in writing.

(9 VAC 5-20-180 C)

- 34. Violation of Ambient Air Quality Standard The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.

 (9 VAC 5-20-180 I)
- 35. Maintenance/Operating Procedures At all times, including periods of startup, shutdown, soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

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The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to air pollution control equipment, monitoring devices, and process equipment which affect such emissions:

- a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance. The maintenance schedule shall include periodic determination of combustion efficiency for the wood-fired boiler along with an explanation of the process used to make this determination and the criteria used to initiate corrective action.
- b. Maintain an inventory of spare parts.
- c. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum. The operating procedures for the wood-fired boiler shall specifically address good combustion practices during all phases of routine operation, including startup and shutdown and indicators that will be used to evaluate combustion efficiency during routine operations.
- d. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request.

(9 VAC 5-40-20 E and 9 VAC 5-50-20 E)

- 36. Permit Suspension/Revocation This permit may be suspended or revoked if the permittee:
 - a. Knowingly makes material misstatements in the application for this permit or any amendments to it;
 - b. Fails to comply with the terms or conditions of this permit;
 - c. Fails to comply with any emission standards applicable to the equipment listed in Condition 2;
 - d. Causes emissions from this facility which result in violations of, or interferes with the attainment and maintenance of, any ambient air quality standard;
 - e. Fails to operate this facility in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect on the date that the application for this permit is submitted;
 - f. Fails to comply with the applicable provisions of Articles 6, 8 and 9 of 9 VAC 5 Chapter 80.

(9 VAC 5-80-1010)

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37. Change of Ownership - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current permit issued to the previous owner. The new owner shall notify the South Central Regional Office of the change of ownership within 30 days of the transfer.

(9 VAC 5-80-940)

38. Registration/Update - Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the DEQ or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact. The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.1-340 through 2.1-348 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9 VAC 5-170-60 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information. (9 VAC 5-80-900)

39. **Permit Copy** - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.

(9 VAC 5-80-860 D)

SOURCE TESTING REPORT FORMAT

Cover

- 1. Plant name and location
- 2. Units tested at source (indicate Ref. No. used by source in permit or registration)
- 3. Tester; name, address and report date

Certification

- 1. Signed by team leader / certified observer (include certification date)
- * 2. Signed by reviewer

Introduction

- 1. Test purpose
- 2. Test location, type of process
- 3. Test dates
- * 4. Pollutants tested
- 5. Test methods used
- 6. Observers' names (industry and agency)
- 7. Any other important background information

Summary of Results

- 1. Pollutant emission results / visible emissions summary
- 2. Input during test vs. rated capacity
- 3. Allowable emissions
- * 4. Description of collected samples, to include audits when applicable
- 5. Discussion of errors, both real and apparent

Source Operation

- 1. Description of process and control devices
- 2. Process and control equipment flow diagram
- 3. Process and control equipment data

* Sampling and Analysis Procedures

- 1. Sampling port location and dimensioned cross section
- 2. Sampling point description
- 3. Sampling train description
- 4. Brief description of sampling procedures with discussion of deviations from standard methods
- Brief description of analytical procedures with discussion of deviation from standard methods

Appendix

- *1. Process data and emission results example calculations
- 2. Raw field data
- * 3. Laboratory reports
- 4. Raw production data
- * 5. Calibration procedures and results
- 6. Project participants and titles
- 7. Related correspondence
- 8. Standard procedures
- * Not applicable to visible emission evaluations.