



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462
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David K. Paylor
Director

Maria R. Nold
Regional Director

Molly Joseph Ward
Secretary of Natural Resources

July 10, 2014

Mr. Rodolfo Salman
President and CFO
ATC Panels Incorporated
33320 North Lynn Road
Franklin, Virginia 23851

Location: Franklin
Registration No.: 60171
AFS Id. No.: 51-093-00018

Dear Mr. Salman:

Attached is a permit to operate your Franklin Particleboard Plant pursuant to 9 VAC 5 Chapter 80 of the Virginia Regulations for the Control and Abatement of Air Pollution. This permit incorporates provisions from the new source review permit dated November 18, 2008.

The permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and civil penalty. Please read all permit conditions carefully.

In evaluating the application and arriving at a final decision to issue this permit, the Department deemed the application complete on October 10, 2013 and solicited written public comments by placing a newspaper advertisement in the Tidewater News newspaper on Sunday, May 18, 2014. The thirty day comment period (provided for in 9 VAC 5-80-270) expired on Tuesday, June 17, 2014 with no comments having been received in this office.

This approval to operate does not relieve ATC Panels Incorporated of the responsibility to comply with all other local, state, and federal permit regulations.

Issuance of this permit is a case decision. The Regulations, at 9 VAC 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 permit is mailed or delivered to you. Please consult that and other relevant provisions for additional requirements for such requests.

Additionally, 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 to court by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
PO Box 1105
Richmond, VA 23218-1105

In the event that you receive this permit by mail, three days are added to the period in which to file an appeal. Please refer to Rule 2A of the Rules of the Supreme Court of Virginia for additional information including filing dates and the required content of the Notice of Appeal.

If you have any questions concerning this permit, please contact Cindy Keltner by phone at (757) 518-2167 or by e-mail at cindy.keltner@deq.virginia.gov.

Sincerely,

Troy D. Breathwaite
Regional Air Permits Manager

TDB/CLK/60171_018_14_FOP_T5Renewal_CoverLtr_ATC Panels Inc.docx

Attachment: Permit

cc: Manager, Data Analysis (electronic file submission)
Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III (electronic file submission)
Manager/Inspector, Air Compliance



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Federal Operating Permit Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9 VAC 5-80-50 through 9 VAC 5-80-300 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name: ATC Panels Incorporated
Facility Name: Franklin Particleboard Plant
Facility Location: 33320 North Lynn Road
Franklin, Virginia 23851
Permit Number: TRO-60171

This permit includes the following programs:

Federally Enforceable Requirements - Clean Air Act (Sections I through IX)
State Only Enforceable Requirements (Section X)

July 10, 2014

Effective Date

July 9, 2019

Expiration Date

Maria R. Nold

July 10, 2014

Signature Date

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I. Facility Information

Permittee
ATC Panels Incorporated
33320 North Lynn Road
Franklin, Virginia 23851

Responsible Official
Rodolfo Salman
Chief Financial Officer

Facility
Franklin Particleboard Plant
33320 North Lynn Road
Franklin, Virginia 23851

Contact Person
Rodolfo Salman
Chief Financial Officer
(919) 653-7895

County-Plant Identification Number: 51-093-00018

Facility Description: NAICS 321219 – Wood Product Manufacturing.

This plant manufactures particleboard by combining refined sawdust, wood chips and wood shavings with resin, then forming and pressing the resulting material into sheets. The process involves receiving and storing woodchip shavings, drying and sorting the woodchip shavings, forming and pressing the board mat, trimming and sanding the finished boards, then cutting the boards into various dimensions.

II. Emission Units

Equipment to be operated consists of:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
Fuel Burning Equipment							
1P	1P-A	Babcock and Wilcox boiler, mod. FM-10-61	#2 oil - 53 MMBtu/hr wooddust-47 MMBtu/hr	Zurn Air Systems Multi-clone cyclone	1PMC	PM10	Existing Equip.
2P	18P,19P,20P	Coen Burner, mod. 230FYR - COMPAK	40 MMBtu/hr, burning sanderdust for fuel	Exhaust to rotary dryers	18PSC	PM10	November 18, 2008
Raw Materials Screening, Refining and Drying Processes							
7P	7P-A	Bauer Wood Dust Refiner in-feed process cyclone	10 Oven Dried Tons (ODT)/hr	--	--	--	November 18, 2008
10P	10P-A	Bauer out-feed process cyclone	10 ODT/hr	Pneumafil Air Filter	--	--	November 18, 2008
11P	11P-A	#1 and #2 Pallmann outfeed cyclone	20 ODT/hr	Baghouse	11PB	PM10	November 18, 2008
Raw Materials Screening, Refining and Drying Processes (Cont'd.)							

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
18P	18P-A	MEC Rotary dryer #1 - core material	20 ODT/hr	Cyclone	18PSC	PM	November 18, 2008
19P	19P-A	MEC Rotary dryer #2 - face material	20 ODT/hr	Cyclone	19PSC	PM	November 18, 2008
20P	20P-A	MEC Rotary dryer #3 - pre-dryer	10 ODT/hr	Cyclone	20PSC	PM	November 18, 2008
Particleboard Finishing Processes							
21P	21P-A,B& C	Part. Board Press	20,000 sq ft/hr	None	NA	PM	November 18, 2008
22P	22P-A & B	Part. Board Cooler	20,000 sq ft/hr	None	NA	PM	November 18, 2008
23P	(see 2P above)	Part. Board sander	12,000 linear ft/hr	Sanderdust reused in 1P & 2P, above	(see 18P, 19P,20P)	PM	November 18, 2008

*The Size/Rated capacity and PCD efficiency is provided for informational purposes only, and is not an applicable requirement.

III. Fuel Burning Equipment Requirements – (REF. NOs. 1P and 2P)

A. Limitations

- Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -**
Particulate emissions from the Coen burner boiler (REF. NO. 2P) shall be controlled by three sets of primary and secondary cyclones. The process cyclones shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 5 of 11/18/08 Permit)
- Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -** The approved fuels for the Babcock and Wilcox boiler (Ref. No. 1P) are particleboard sanderdust and #2 distillate fuel oil. A change in the fuels may require a permit to modify and operate.
(9 VAC 5-80-110 and Condition 13 of 11/18/08 Permit)
- Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -** The approved fuels for the Coen burner boiler (Ref. No. 2P) are particleboard sanderdust and liquid propane gas (LPG) as a starter and pilot fuel. A change in the fuels may require a permit to modify and operate.
(9 VAC 5-80-110 and Condition 13 of 11/18/08 Permit)
- Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -** The Coen burner boiler (REF. NO. 2P) shall consume no more than 14,000 tons of particleboard sanderdust per year, calculated as the sum of each consecutive twelve (12) month period.
(9 VAC 5-80-110 and Condition 14 of 11/18/08 Permit)
- Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -** The Coen burner boiler (REF. NO. 2P) shall consume no more than 80 pounds sanderdust per oven-dried ton of wood chips (ODT) from the three dryers (REF. NOs. 18P, 19P, and 20P), combined, calculated monthly as the ratio of the average pounds of sanderdust combusted during the previous twelve months, to the average tons of wood chips dried within the three dryers during the same period.
(9 VAC 5-80-110 and Condition 15 of 11/18/08 Permit)
- Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -** Particulate emissions from the Babcock and Wilcox boiler (REF. NO. 1P) shall not exceed the following emissions ratios for the specific fuel burned:

Particulate Emissions _{sander-dust}	0.40 lbs/million Btu input
Particulate Emissions _{distillate oil}	0.39 lbs/million Btu input

The emissions ratio in lbs/million Btu input shall be determined by the following equation: $E = 1.0906H^{-0.2594}$, where H is the total capacity in millions of Btu/hr for the specific fuel burned.
(9 VAC 5-40-900 and 9 VAC 5-80-110)

7. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -** Particulate emissions from the Babcock and Wilcox boiler (REF. NO. 1P) shall not exceed the following limit:

Particulate Emissions_{sander-dust} 18.8 lbs/hr

Particulate Emissions_{distillate oil} 20.7 lbs/hr

The maximum emission rate in lbs/hr shall be the product of the emission unit rated capacity and the emission ratio determined in Condition 6.
(9 VAC 5-40-900 and 9 VAC 5-80-110)

8. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations - Sulfur Dioxide** emissions from the Babcock and Wilcox boiler (REF. NO. 1P) shall not exceed the following limit:

Sulfur Dioxide Emissions_{sander-dust} 124.1 lbs/hr

Sulfur Dioxide Emissions_{distillate oil} 139.9 lbs/hr

The emission rate in lbs/hr shall be determined by the following equation: $S = 2.64K$, where S = allowable emission of sulfur dioxide expressed in pounds per hour, and K= heat input at total capacity expressed in million Btu per hour.
(9 VAC 5-40-930 A and 9 VAC 5-80-110)

9. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations -** Emissions from the operation of the Coen burner boiler (REF. NO. 2P), firing particleboard sanderdust, shall not exceed the limits specified below:

Particulate Matter / PM-10 0.07 lb/million BTU

Nitrogen Oxides 37.5 lbs/hr 105.0 tons/yr

Carbon Monoxide 7.5 lbs/hr 21.0 tons/yr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 1, 3, 5, and 22.

(9 VAC 5-80-110, and Condition 22 of 11/18/08 Permit)

10. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations – Visible Emissions** from the Babcock and Wilcox boiler stack (REF. NO. 1P-A) shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 60 percent opacity.

(9 VAC 5-40-80 and 9 VAC 5-80-110)

11. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Limitations – Visible Emissions** from each of the Coen Burner boiler stack shall not exceed 20 percent opacity 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, 9 VAC 5-50-20.A.4, and 9 VAC 5-80-110)

B. Monitoring

12. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - The permitted facility shall be constructed so as to allow for emissions testing and monitoring upon reasonable notice at any time, using appropriate methods. Test ports shall be provided, when testing is required, at each baghouse and press vent stack in accordance with the applicable performance specification (reference 40 CFR Part 60, Appendix B).
(9 VAC 5-40-30 F, 9 VAC 5-50-30 F, 9 VAC 5-80-110 and Condition 30 of 11/18/08 Permit)
13. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - The permittee shall conduct visible emissions observations of the Babcock and Wilcox boiler (REF. NO. 1P-A) and Coen Burner boiler (REF. NO. 2P) stacks at least once each calendar week (Monday - Sunday) during daylight hours of operation, for at least six minutes. If visible emissions are noted from the stack, maintenance shall be performed on the boiler to eliminate the visible emissions. If visible emissions continue after maintenance actions, a visible emissions evaluation (VEE) shall be immediately conducted on the stack for at least six minutes in accordance with Method 9 (40 CFR 60, Appendix A). If the VEE opacity average is equal to or greater than ten (10) percent, the VEE shall continue for one hour from the initiation of the visible emissions check on the stack.
(9 VAC 5-80-110)
14. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - The permittee shall conduct the monitoring and fulfill the other obligations specified in 40 CFR 64.7 through 40 CFR 64.9.
(9 VAC 5-80-110 E and 40 CFR 64.6 (c))
15. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - At all times, the permittee shall maintain the monitoring equipment, including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.
(9 VAC 5-80-110 E and 40 CFR 64.7 (b))
16. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - 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 permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the Babcock and Wilcox boiler (Ref. No. 1P) is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of compliance assurance monitoring, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The permittee 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 inadequate maintenance or improper operation are not malfunctions.
(9 VAC 5-80-110 E and 40 CFR 64.7 (c))

17. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - Upon detecting an excursion or exceedance, the permittee shall restore operation of the Babcock and Wilcox boiler (Ref. No. 1P) (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 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 and 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, designated condition, or below the applicable emission limitation or standard, as applicable.
(9 VAC 5-80-110 E and 40 CFR 64.7 (d)(1))
18. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - Determination that acceptable procedures were used 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.
(9 VAC 5-80-110 E and 40 CFR 64.7(d)(2))
19. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - If the permittee 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 permittee shall promptly notify the Director, Tidewater Regional Office and, if necessary, submit a proposed modification to this 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.
(9 VAC 5-80-110 E and 40 CFR 64.7(e))
20. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring** - If the number of exceedances or excursions exceeds 5 percent duration of a pollutant-specific emissions unit's operating time for the Babcock and Wilcox boiler (Ref. No. 1P) for a semiannual reporting period, the permittee shall develop, implement and maintain a Quality Improvement Plan (QIP) in accordance with 40 CFR 64.8. If a QIP is required, the permittee shall have it available for inspection. The QIP initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the permittee shall modify the plan to include procedures for conducting one or more of the following, as appropriate:
 - a. Improved preventative maintenance practices;
 - b. Process operation changes;
 - c. Appropriate improvements to control methods;
 - d. Other steps appropriate to correct control performance; and
 - e. More frequent or improved monitoring.
(9 VAC 5-80-110 E and 40 CFR 64.8(a) and (b))

21. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Monitoring - Compliance Assurance Monitoring (CAM)** - The permittee shall monitor, operate, calibrate and maintain the Zurn Air Systems Multiclone (Ref. No. 1PMC) controlling the Babcock and Wilcox boiler (Ref. No. 1P) according to the following:

Indicator	Opacity and Particulate Matter (PM-10) for Babcock and Wilcox boiler (REF. NO. 1P)
Measurement approach	<ul style="list-style-type: none"> • Monthly visual inspection of the system ductwork and material collection units for leaks. • Visual inspection of the boilers fuel combustion systems.
Indicator range	An excursion is defined as average opacity greater than 10% during one six-minute period in any one hour.
Performance criteria: Response to excursions	<ul style="list-style-type: none"> • Visible emissions observations are to be taken at the exhaust stack for at least one 6 minute period during operating hours. • Maintenance shall be conducted if visible emissions are noted from the stack. • If visible emissions continue after maintenance, a VEE (visible emissions evaluation) shall immediately be conducted on the stack for at least 6 minutes in accordance with 40 CFR 60, Appendix A (Method 9). • If the VEE is greater than 10%, the VEE shall continue for one hour. • Initiate further inspection of multiclone and kiln operations. • Notify Environmental Manager or Production Superintendent. • If visible emissions lasts for more than 3 hours, initiate reduction in boiler process and notify plant manager. • If visible emissions cannot be corrected in a timely manner, initiate shutdown of boiler and begin repair to muliclones, ductwork, or boiler as applicable.
QA/QC practices and criteria	Training of plant personnel on inspection and observation procedures.
Monitoring frequency and data collection procedure	Visible emissions observations are to be reported once per week for at least one 6 minute period during operating hours.

(9 VAC 5-80-110 E and 40 CFR 64.6 (c))

C. Recordkeeping

22. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) - Recordkeeping** - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

- a. Annual particleboard sander dust throughput in the Coen burner boiler (REF. NO. 2P), in tons, calculated as the sum of each consecutive 12-month period;
- b. Annual throughput of wood shavings from the three dryers, combined, in oven-dried tons (ODT), calculated as the sum of each consecutive 12-month period;
- c. Ratio of annual throughputs in Condition numbers 22.a and 22.b, in units of pounds sander dust per ODT, calculated monthly;
- d. All visible emissions records and opacity data; and
- e. Maintenance records, training records, and written operating procedures specified in Condition number 76.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent (5) years.

(9 VAC 5-40-50, 9 VAC 5-50-50, 9 VAC 5-80-110, and Condition 29 of 11/18/08 Permit)

D. Testing

23. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) -Testing** - The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the Department, test ports shall be provided at the appropriate locations.
(9 VAC 5-50-30 and 9 VAC 5-80-110)
24. **Fuel Burning Equipment Requirements – (emission unit ID# 1P and 2P) -Testing** - If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures approved by the DEQ.
(9 VAC 5-80-110)

IV. Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P)

A. Limitations

25. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Limitations** - Particulate matter from the #5 Bin wood hog (REF. NO. 8P) shall be routed to a process cyclone. The process cyclone shall be provided with adequate access for inspection. An annual internal inspection shall be conducted on the process cyclone by the permittee to insure structural integrity.
(9 VAC 5-80-110 and Condition 3 of 11/18/08 Permit)
26. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Limitations** - Captured particulate emissions from the #1 and #2 Pallmann outfeed cyclone (REF. NO. 11P), Schelling saws II and III (REF. NOs. 25P and 26P), and the particleboard sander (REF. NO. 23P), shall be controlled by baghouses. Each baghouse shall be provided with adequate access for inspection, and shall be in operation when its associated screen, saw, or sander is operating.
(9 VAC 5-80-110 and Condition 4 of 11/18/08 Permit)
27. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Limitations** - The #5 Bin wood hog (REF. NO. 8P) shall consume no more than 85,200 tons per year of green wood, calculated monthly as the sum of each consecutive 12-month period.
(9 VAC 5-80-110 and Condition 10 of 11/18/08 Permit)

28. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Limitations** - The #1 and #2 Pallmann outfeed cyclone (REF. NO. 11P) shall process no more than 1,230 tons per year of wood fines, calculated monthly as the sum of each consecutive 12-month period.
(9 VAC 5-80-110 and Condition 11 of 11/18/08 Permit)
29. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Limitations** - Visible emissions from the secondary cyclone on each dryer shall not exceed 15% opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30% opacity, as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).
(9 VAC 5-50-80, 9 VAC 5-80-110, and Condition 27 of 11/18/08 Permit)
30. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Limitations** - Emissions from the operation of #5 Bin wood hog (REF. NO. 8P) ducted to, and emitted from the associated process cyclone exhaust, shall not exceed the limits specified below:
Particulate Matter / PM-10 0.05 gr/dscf of exhaust gas 10.8 lbs/hr 46.0 tons/yr
These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 27, 52, and 41.
(9 VAC 5-80-110 and Condition 17 of 11/18/08 Permit)
31. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Limitations** – Emissions from the operation of #1 and #2 Pallmann outfeed cyclone (REF. NO. 11P) emitted at the associated baghouse vent shall not exceed the limits specified below:
Particulate Matter / PM-10 0.05 gr/dscf of exhaust gas 0.3 lbs/hr 0.9 tons/yr
These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 27, 52, and 41.
(9 VAC 5-80-110 and Condition 18 of 11/18/08 Permit)

B. Monitoring

32. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Monitoring** - The permittee shall check the secondary cyclones on each dryer for visible emissions at least once each calendar week (Monday - Sunday) during daylight hours of operation, for at least six minutes. If visible emissions are noted from the any stack, maintenance shall be performed on the associated unit to eliminate the visible emissions. If visible emissions continue after maintenance actions, a visible emissions evaluation (VEE) shall be immediately conducted on that stack for at least six minutes in accordance with Method 9 (40 CFR 60, Appendix A). If the VEE opacity average is equal to or greater than ten (10) percent, the VEE shall continue for one hour from the initiation of the visible emissions check on that stack.
(9 VAC 5-80-110)

33. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - The permittee shall monitor, operate, calibrate and maintain the cyclones and filters (for REF. NOs. 7P-11P, and 18P-20P) controlling the Raw Materials Screening, Refining and Drying Processes (REF. NOs. 7P-11P, and 18P-20P) according to the following:

Indicator	Opacity and Particulate Matter (PM-10) for Raw Materials Screening, Refining and Drying Processes (REF. NOs. 7P-11P, and 18P-20P)
Measurement approach	<ul style="list-style-type: none"> • Monthly Visual inspection of the system ductwork and material collection units for leaks. • Weekly Visual inspection of the cyclone/filter and process operations.
Indicator range	An excursion is defined as average opacity greater than 5% during one six-minute period in any one hour.
<u>Performance criteria:</u> Response to excursions	<ul style="list-style-type: none"> • Visible emissions observations are to be taken at the cyclone or filter for at least one 6 minute period during operating hours. • Maintenance shall be conducted if visible emissions are noted from the cyclone or filter. • If visible emissions continue after maintenance, a VEE (visible emissions evaluation) shall immediately be conducted on the stack for at least 6 minutes in accordance with 40 CFR 60, Appendix A (Method 9). • If the VEE is greater than 5%, the VEE shall continue for one hour. • Initiate further inspection of multiclone/filter and kiln operations. • Notify Environmental Manager or Production Superintendent. • If visible emissions lasts for more than 3 hours, initiate reduction in boiler process and notify plant manager. • If visible emissions cannot be corrected in a timely manner, initiate shutdown process and begin repair to muliclones, ductwork, or boiler as applicable.
QA/QC practices and criteria	Training of plant personnel on inspection and observation procedures.
Monitoring frequency and data collection procedure	Visible emissions observations are to be reported once per week for each vent for at least one 6 minute period during operating hours.

(9 VAC 5-80-110 E and 40 CFR 64.6 (c))

34. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - The permittee shall conduct the monitoring and fulfill the other obligations specified in 40 CFR 64.7 through 40 CFR 64.9.
(9 VAC 5-80-110 E and 40 CFR 64.6 (c))
35. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - At all times, the permittee shall maintain the monitoring equipment, including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.
(9 VAC 5-80-110 E and 40 CFR 64.7 (b))
36. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - 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 permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the Raw Materials Screening, Refining and Drying Processes (REF. NOs. 7P-11P, and 18P-20P) is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of compliance assurance monitoring, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The permittee 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 inadequate maintenance or improper operation are not malfunctions.
(9 VAC 5-80-110 E and 40 CFR 64.7 (c))
37. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - Upon detecting an excursion or exceedance, the permittee shall restore operation of the Raw Materials Screening, Refining and Drying Processes (REF. NOs. 7P-11P, and 18P-20P) (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 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 and 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, designated condition, or below the applicable emission limitation or standard, as applicable.
(9 VAC 5-80-110 E (Article 1) and 40 CFR 64.7 (d)(1))
38. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - Determination that acceptable procedures were used 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.
(9 VAC 5-80-110 E and 40 CFR 64.7(d)(2))

39. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - If the permittee 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 permittee shall promptly notify the Director, TRO Regional Office and, if necessary, submit a proposed modification to this 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.
(9 VAC 5-80-110 E and 40 CFR 64.7(e))
40. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Compliance Assurance Monitoring (CAM)** - If the number of exceedances or excursions exceeds 5 percent duration of a pollutant-specific emissions unit's operating time for the Raw Materials Screening, Refining and Drying Processes (REF. NOs. 7P-11P, and 18P-20P) for a semiannual reporting period, the permittee shall develop, implement and maintain a Quality Improvement Plan (QIP) in accordance with 40 CFR 64.8. If a QIP is required, the permittee shall have it available for inspection. The QIP initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the permittee shall modify the plan to include procedures for conducting one or more of the following, as appropriate:
- a. Improved preventative maintenance practices;
 - b. Process operation changes;
 - c. Appropriate improvements to control methods;
 - d. Other steps appropriate to correct control performance; and
 - e. More frequent or improved monitoring.
- (9 VAC 5-80-110 E and 40 CFR 64.8(a) and (b))

C. Recordkeeping

41. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Recordkeeping -** The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, TRO Regional Office. These records shall include, but are not limited to:
- a. Annual throughput of green wood through the No. 5 Bin Wood Hog (REF. NO. 8P), in tons, calculated monthly as the sum of each consecutive 12-month period;
 - b. Annual throughput of wood fines processed by the #1 and #2 Pallmann outfeed cyclone (REF. NO. 11P), in tons, calculated as the sum of each consecutive 12-month period;
 - c. Results of annual cyclone inspections required by Condition 25;
 - d. All visible emissions records and opacity data; and
 - e. Maintenance records, training records, and written operating procedures specified in Condition 74, for the units specified in this section.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.

(9 VAC 5-80-110 and Condition 29 of 11/18/08 Permit)

D. Testing

42. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Testing** - The permitted facility shall be constructed so as to allow for emissions testing and monitoring upon reasonable notice at any time, using appropriate methods. Test ports shall be provided, when testing is required, at each baghouse and press vent stack in accordance with the applicable performance specification (reference 40 CFR Part 60, Appendix B).
(9 VAC 5-40-30 F, 9 VAC 5-50-30 F, 9 VAC 5-80-110, and Condition 30 of 11/18/08 Permit)

43. **Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Testing** -If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures approved by the DEQ.
(9 VAC 5-80-110)

V. Process Equipment Requirements – (emission unit ID# 21P - 26P)

A. Limitations

44. **Process Equipment Requirements – (emission unit ID# 21P-26P)** - Limitations – Emissions from the operation of Schelling saw II (REF. NO. 25P) ducted to and emitted from the associated baghouse vent shall not exceed the limits specified below:

Particulate Matter / PM-10 0.05 gr/dscf of exhaust gas 4.4 lbs/hr 10.7 tons/yr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 44, 52, and 41.

(9 VAC 5-80-110 and Condition 19 of 11/18/08 Permit)

45. **Process Equipment Requirements – (emission unit ID# 21P-26P)** - Limitations - Emissions from the operation of Schelling saw III (REF. NO. 26P) ducted to and emitted from the associated baghouse vent shall not exceed the limits specified below:

Particulate Matter / PM-10 0.05 gr/dscf of exhaust gas 1.1 lbs/hr 4.9 tons/yr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 44, 52, and 41.

(9 VAC 5-80-110 and Condition 20 of 11/18/08 Permit)

46. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Limitations** - Throughputs for the particleboard press, cooler, particleboard sander (REF. NO. 23P), and Schelling saws II and III (REF. NOs. 25P and 26P) shall not exceed 140,160,000 square feet (on a ¾-inch board thickness basis) per year of wood particleboard, calculated monthly as the sum of each consecutive 12-month period.

(9 VAC 5-80-110 and Condition 12 of 11/18/08 Permit)

47. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Limitations** - Emissions from the operation of the particleboard sander (REF. NO. 23P) ducted to and emitted from the vents of the two associated baghouses shall (individually) not exceed the limits specified below:

Particulate Matter / PM-10 0.05 gr/dscf of exhaust gas 0.4 lbs/hr 1.6 tons/yr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 26, 44, 52, and 62.

(9 VAC 5-80-110, and Condition 21 of 11/18/08 Permit)

48. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Limitations** - Emissions from particleboard press vents 1 and 3 (individually) shall not exceed the limits specified below:

Particulate Matter / PM-10	0.05 gr/dscf of exhaust gas	1.8 lbs/hr
Nitrogen Oxides		0.2 lbs/hr
Volatile Organic Compounds		4.0 lbs/hr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 44, 52, and 62.

(9 VAC 5-80-110 and Condition 23 of 11/18/08 Permit)

49. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Limitations** – Emissions from particleboard press vent 2 shall not exceed the limits specified below:

Particulate Matter / PM-10	0.05 gr/dscf of exhaust gas	6.9 lbs/hr
Nitrogen Oxides		0.3 lbs/hr
Volatile Organic Compounds		62.5 lbs/hr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 44, 52, and 62.

(9 VAC 5-80-110 and Condition 24 of 11/18/08 Permit)

50. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Limitations** – Emissions from particleboard cooler vents 1 and 2 (individually) shall not exceed the limits specified below:

Particulate Matter / PM-10	0.05 gr/dscf of exhaust gas	0.9 lbs/hr
Volatile Organic Compounds		6.0 lbs/hr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 25, 52, and 62.

(9 VAC 5-80-110 and Condition 25 of 11/18/08 Permit)

51. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Limitations** – Emissions from particleboard press vents 1, 2, and 3, and cooler vents 1 and 2, combined, shall not exceed the limits specified below:

Particulate Matter / PM-10	42.6 tons/yr
Nitrogen Oxides	2.6 tons/yr
Volatile Organic Compounds	290.1 tons/yr

These emissions limits are derived from estimated overall emissions contributions from operating limits. Exceedance of operating limits shall be considered credible evidence of the exceedance of emissions limits. Compliance with these emissions limits may be determined as stated in Condition numbers 44, 52, and 62.

(9 VAC 5-80-110 and Condition 26 of 11/18/08 Permit)

52. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Limitations -** Visible emissions from each permitted process cyclone, baghouse, press vent, and cooler vent, shall not exceed five (5) percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed thirty (30) percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).

(9 VAC 5-80-110 and Condition 28 of 11/18/08 Permit)

B. Monitoring

53. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Monitoring -** The permittee shall check each permitted process cyclone, baghouse, press vent, and cooler vent in Parts IV and V for visible emissions at least once each calendar week (Monday - Sunday) during daylight hours of operation, for at least six minutes. If visible emissions are noted from any stack, maintenance shall be performed on that stack to eliminate the visible emissions. If visible emissions continue after maintenance actions, a visible emissions evaluation (VEE) shall be immediately conducted on that stack for at least six minutes in accordance with Method 9 (40 CFR 60, Appendix A). If the VEE opacity average is equal to or greater than five (5) percent, the VEE shall continue for one hour from the initiation of the visible emissions check on the stack.

(9 VAC 5-80-110)

54. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM) -** Monitoring – The permittee shall monitor, operate, calibrate, and maintain the cyclones and filters (REF. NOs. 21P-26P) controlling the Particleboard Finishing Processes (21P-23P) according to the following:

Indicator	Opacity and Particulate Matter (PM-10) for Particleboard Finishing Processes (REF. NOs. 21P-26P)
Measurement approach	<ul style="list-style-type: none"> • Monthly Visual inspection of the system ductwork and material collection units for leaks. • Weekly Visual inspection of the cyclone/filter and process operations.
Indicator range	An excursion is defined as average opacity greater than 5% during one six-minute period in any one hour.
Performance criteria:	<ul style="list-style-type: none"> • Visible emissions observations are to be taken at the cyclone or filter for at least one 6 minute period during operating hours.

Response to excursions	<ul style="list-style-type: none"> • Maintenance shall be conducted if visible emissions are noted from the cyclone or filter. • If visible emissions continue after maintenance, a VEE (visible emissions evaluation) shall immediately be conducted on the stack for at least 6 minutes in accordance with 40 CFR 60, Appendix A (Method 9). • If the VEE is greater than 5%, the VEE shall continue for one hour. • Initiate further inspection of multiclone/filter and kiln operations. • Notify Environmental Manager or Production Superintendent. • If visible emissions lasts for more than 3 hours, initiate reduction in boiler process and notify plant manager. • If visible emissions cannot be corrected in a timely manner, initiate shutdown process and begin repair to muliclones, ductwork, or boiler as applicable.
QA/QC practices and criteria	Training of plant personnel on inspection and observation procedures
Monitoring frequency and data collection procedure	Visible emissions observations are to be reported once per week for at least one 6 minute period during operating hours.

(9 VAC 5-80-110 E and 40 CFR 64.6 (c))

55. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM)** - The permittee shall conduct the monitoring and fulfill the other obligations specified in 40 CFR 64.7 through 40 CFR 64.9.
 (9 VAC 5-80-110 E and 40 CFR 64.6 (c))
56. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM)** - At all times, the permittee shall maintain the monitoring equipment, including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.
 (9 VAC 5-80-110 E and 40 CFR 64.7 (b))
57. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM)** – 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 permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the Particleboard Finishing Processes (REF. NOs. 21P-26P) is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of compliance assurance monitoring, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The permittee 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 inadequate maintenance or improper operation are not malfunctions.
 (9 VAC 5-80-110 E and 40 CFR 64.7 (c))

58. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM)** - Upon detecting an excursion or exceedance, the permittee shall restore operation of the Particleboard Finishing Processes (REF. NOs. 21P-26P) (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 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 and 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, designated condition, or below the applicable emission limitation or standard, as applicable.
(9 VAC 5-80-110 E and 40 CFR 64.7 (d)(1))
59. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM)** - Determination that acceptable procedures were used 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.
(9 VAC 5-80-110 E and 40 CFR 64.7(d)(2))
60. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM)** – If the permittee 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 permittee shall promptly notify the Director, Tidewater Regional Office and, if necessary, submit a proposed modification to this 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.
(9 VAC 5-80-110 E and 40 CFR 64.7(e))
61. **Process Equipment Requirements – (emission unit ID# 21P - 26P) - Compliance Assurance Monitoring (CAM)** - If the number of exceedances or excursions exceeds 5 percent duration of the operating time for the Particleboard Finishing Processes (REF. NOs. 21P-26P) for a semiannual reporting period, the permittee shall develop, implement and maintain a Quality Improvement Plan (QIP) in accordance with 40 CFR 64.8. If a QIP is required, the permittee shall have it available for inspection. The QIP initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the permittee shall modify the plan to include procedures for conducting one or more of the following, as appropriate:
- a. Improved preventative maintenance practices;
 - b. Process operation changes;
 - c. Appropriate improvements to control methods;
 - d. Other steps appropriate to correct control performance; and
 - e. More frequent or improved monitoring.
- (9 VAC 5-80-110 E and 40 CFR 64.8(a) and (b))

C. Recordkeeping

62. Process Equipment Requirements – (emission unit ID# 7P-11P, 18P-20P) - Recordkeeping - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:
- a. Annual press throughput, in square feet (3/4-inch basis) of particleboard, calculated as the sum of each consecutive 12-month period;
 - b. All visible emissions records and opacity data; and
 - c. Maintenance records, training records, and written operating procedures specified in Condition number 74, for the units specified in this section.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.

(9 VAC 5-50-50, 9 VAC 5-80-110 and Condition 29 of 11/18/08 Permit)

VI. 40 CFR 63 MACT REQUIREMENTS

A. Subpart DDDD (National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products)

63. Except where this permit is more restrictive, on or before October 1, 2007, the Plywood and Composite Wood Products equipment and facilities shall be in compliance with the requirements of 40 CFR 63 Subpart DDDD, the National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products and 40 CFR Part 63 Subpart A.
(9 VAC 5-80-110, 40 CFR 63.2230 et seq. and condition 39 of 11/18/08 NSR Permit)

64. Reporting Requirements

Except where this permit is more restrictive, the permittee shall meet all applicable reporting requirements for the Plywood and Composite Wood Products equipment and facilities in accordance with 40 CFR 63 Subparts A and DDDD.
(9 VAC 5-80-110, 40 CFR 63.2280, 40 CFR 63.2281, 40 CFR 63.10 and condition 41 of 11/18/08 NSR Permit)

65. Recordkeeping

Except where this permit is more restrictive, the permittee shall record and retain all information necessary to determine that the operation of the Plywood and Composite Wood Products equipment and facilities are in compliance with the provisions of 40 CFR 63 Subparts A and DDDD.
(9 VAC 5-80-110, 40 CFR 63.2282, 40 CFR 63.10, and condition 42 of 11/18/08 NSR Permit)

VII. Insignificant Emission Units

The following emission units at the facility are identified in the application as insignificant emission units under 9 VAC 5-80-720:

A. Processing Operations:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
4P	Schelling saw II process filter	9 VAC 5-80-710.A.2	PM	10 tons/hr
5P	Schelling saw III process filter	9 VAC 5-80-710.A.2	PM	5 tons/hr
6P	Storage Bins 1,2 & 3	9 VAC 5-80-710.A.2	PM	22 tons/hr
8P	#5 wood hog and process cyclone	9 VAC 5-80-710.A.2	PM	5 tons/hr
9P	#3 Dryer infeed cyclone	9 VAC 5-80-710.A.2	PM	20 tons/hr
12P	Pallman (#3 & #4) out-feed process filter	9 VAC 5-80-710.A.2	PM	5 tons/hr
14P	Forming rejects filter	9 VAC 5-80-710.A.2	PM	9 tons/hr
15P	Process filters for press	9 VAC 5-80-710.A.2	PM	5 tons/hr
16P	Process filters for N sander	9 VAC 5-80-710.A.2	PM	5 tons/hr
17P	Process filters for S sander	9 VAC 5-80-710.A.2	PM	5 tons/hr
25P	Schelling Saw II	9 VAC 5-80-710.A.2	PM	11,600 sq. ft/hr
26P	Schelling Saw III	9 VAC 5-80-710.A.2	PM	23,000 sq. ft/hr
27P	Shelving Machine	9 VAC 5-80-710.A.2	PM	2,250 sq. ft/hr

B. Fugitive Sources:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
IS1	Raw material outdoor storage erosion	9 VAC 5-80-710.A.2	PM	4,000 tons
IS2	Raw material outdoor storage drop	9 VAC 5-80-710.A.2	PM	110,000 tons/yr
IS3	Raw material indoor storage drop	9 VAC 5-80-710.A.2	PM	110,000 tons/yr
IS4	Raw material truck unloading	9 VAC 5-80-710.A.2	PM	210,000 tons/yr
IS5	Raw material transfer to	9 VAC 5-80-710.A.2	PM	220,000 tons/yr

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
IS1	Raw material outdoor storage erosion process	9 VAC 5-80-710.A.2	PM	4,000 tons
IS6	Sanderdust overflow	9 VAC 5-80-710.A.2	PM	15,000 tons/yr
IS10	Paved road traffic	9 VAC 5-80-710.A.2	PM	20,000 trucks/yr

C. Miscellaneous tanks:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
IS12	Resin storage tank 1	9 VAC 5-80-710.A.2	VOC	10,500 gallons
IS13	Resin storage tank 2	9 VAC 5-80-710.A.2	VOC	10,500 gallons
IS14	Resin storage tank 3	9 VAC 5-80-710.A.2	VOC	10,500 gallons
IS15	Face mix tank	9 VAC 5-80-710.A.2	VOC	420 gallons
IS16	Core mix tank	9 VAC 5-80-710.A.2	VOC	420 gallons
IS17	Face use tank	9 VAC 5-80-710.A.2	VOC	420 gallons
IS18	Core use tank	9 VAC 5-80-710.A.2	VOC	420 gallons
IS19	Fuel oil tank	9 VAC 5-80-710.A.2	VOC	16,920 gallons
IS20	Fire pump fuel oil tank 1	9 VAC 5-80-710.A.2	VOC	200 gallons
IS21	Fire pump fuel oil tank 2	9 VAC 5-80-710.A.2	VOC	200 gallons
IS22	Gasoline tank	9 VAC 5-80-710.A.2	VOC	275 gallons
IS23	Diesel fuel tank	9 VAC 5-80-710.A.2	VOC	275 gallons
IS24	Diesel fuel tank	9 VAC 5-80-710.A.2	VOC	2,000 gallons
IS25	Kerosene tank	9 VAC 5-80-710.A.2	VOC	500 gallons
IS26	Used oil tank	9 VAC 5-80-710.A.2	VOC	3,300 gallons
IS27	Oil/Water separator	9 VAC 5-80-710.A.2	VOC	500 gallons
IS28	Torque fluid tank	9 VAC 5-80-710.A.2	VOC	550 gallons
IS29	Motor oil tank	9 VAC 5-80-710.A.2	VOC	550 gallons
IS30	Hydraulic fluid tank	9 VAC 5-80-710.A.2	VOC	550 gallons
IS31	Gasoline tank	9 VAC 5-80-710.A.2	VOC	550 gallons
IS32	Kerosene tank	9 VAC 5-80-710.A.2	VOC	280 gallons
IS33	Diesel fuel tank	9 VAC 5-80-710.A.2	VOC	1000 gallons
IS34	Used oil tank	9 VAC 5-80-710.A.2	VOC	500 gallons
IS35	Hydraulic fluid tank	9 VAC 5-80-710.A.2	VOC	550 gallons

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9 VAC 5-80-110.

VIII. Permit Shield & Inapplicable Requirements

66. **Permit Shield & Inapplicable Requirements** - Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by (i) the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.

(9 VAC 5-80-140)

IX. General Conditions

67. **General Conditions - Federal Enforceability** -All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9 VAC 5-80-110 N)
68. **General Conditions - Permit Expiration**- This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9 VAC 5-80-80, the right of the facility to operate shall be terminated upon permit expiration.
69. **General Conditions - Permit Expiration**-The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.
70. **General Conditions - Permit Expiration**-If an applicant submits a timely and complete application for an initial permit or renewal under this section, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9 VAC 5 Chapter 80, until the Board takes final action on the application under 9 VAC 5-80-150.
71. **General Conditions - Permit Expiration**-No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9 VAC 5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9 VAC 5 Chapter 80.
72. **General Conditions - Permit Expiration**-If an applicant submits a timely and complete application under section 9 VAC 5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9 VAC 5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.
73. **General Conditions - Permit Expiration**-The protection under subsections F 1 and F 5 (ii) of section 9 VAC 5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9 VAC 5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.
(9 VAC 5-80-80 B, C, and F, 9 VAC 5-80-110 D and 9 VAC 5-80-170 B)
74. **General Conditions -Recordkeeping and Reporting** - All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:
 - a. The date, place as defined in the permit, and time of sampling or measurements.
 - b. The date(s) analyses were performed.
 - c. The company or entity that performed the analyses.
 - d. The analytical techniques or methods used.
 - e. The results of such analyses.
 - f. The operating conditions existing at the time of sampling or measurement.
(9 VAC 5-80-110 F)

75. **General Conditions -Recordkeeping and Reporting** - Records of all monitoring data and support information shall be retained for at least five 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.
(9 VAC 5-80-110 F)
76. **General Conditions -Recordkeeping and Reporting** - The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than **March 1** and **September 1** of each calendar year. This report must be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:
- a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31.
 - b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:
 - i. Exceedance of emissions limitations or operational restrictions;
 - ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,
 - iii. Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.
 - c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that “no deviations from permit requirements occurred during this semi-annual reporting period.”
(9 VAC 5-80-110 F)
77. **General Conditions - Annual Compliance Certification** - Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:
- a. The time period included in the certification. The time period to be addressed is January 1 to December 31.
 - b. The identification of each term or condition of the permit that is the basis of the certification.
 - c. The compliance status.
 - d. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance.

- e. Consistent with subsection 9 VAC 5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period.
- f. Such other facts as the permit may require to determine the compliance status of the source.
- g. One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3_APD_Permits@epa.gov

(9 VAC 5-80-110 K.5)

78. **General Conditions - Permit Deviation Reporting** - The permittee shall notify the Director, Tidewater Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to Condition 76 of this permit.
(9 VAC 5-80-110 F.2 and 9 VAC 5-80-250)
79. **General Conditions - Failure/Malfunction Reporting** - In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall, as soon as practicable but no later than four daytime business hours after the malfunction is discovered, notify the Director, Tidewater Regional Office by facsimile transmission, telephone or telegraph of such failure or malfunction and shall within 14 days of discovery provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. Owners subject to the requirements of 9 VAC 5-40-50 C and 9 VAC 5-50-50 C are not required to provide the written statement prescribed in this paragraph for facilities subject to the monitoring requirements of 9 VAC 5-40-40 and 9 VAC 5-50-40. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Director, Tidewater Regional Office.
(9 VAC 5-20-180 C)
80. **General Conditions - Failure/Malfunction Reporting** - Each owner required to install a continuous monitoring system (CMS) or monitoring device subject to 9 VAC 5-40-41 or 9 VAC 5-50-410 shall submit a written report of excess emissions (as defined in the applicable subpart in 9 VAC 5-50-410) and either a monitoring systems performance report or a summary report form, or both, to the board semiannually. All semi-annual reports shall be postmarked by the 30th day following the end of each calendar semi-annual period (June 30th and January 30th). All reports shall include the following information:
- a. The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h) or 9 VAC 5-40-41 B.6, any conversion factors used, and the date and time of commencement and completion of each period of excess emissions;
 - b. Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the source. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted;

- c. The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- d. When no excess emissions have occurred or the continuous monitoring systems have not been inoperative, repaired or adjusted, such information shall be stated in the report.

All malfunctions of emission units not subject to 9 VAC 5-40-50 C and 9 VAC 5-50-50 C require written reports within 14 days of the discovery of the malfunction.
(9 VAC 5-20-180 C)

- 81. **General Conditions - Severability** - The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9 VAC 5-80-110 G.1)
- 82. **General Conditions - Duty to Comply** - The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9 VAC 5-80-110 G.2)
- 83. **General Conditions - Need to Halt or Reduce Activity not a Defense** - 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 this permit.
(9 VAC 5-80-110 G.3)
- 84. **General Conditions - Permit Modification** - A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9 VAC 5-80-50, 9 VAC 5-80-1100, 9 VAC 5-80-1605, or 9 VAC 5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9 VAC 5-80-190 and 9 VAC 5-80-260)
- 85. **General Conditions - Property Rights** - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9 VAC 5-80-110 G.5)
- 86. **General Conditions - Duty to Submit Information** - The permittee shall furnish to the Board, within a reasonable time, any information that the Board 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 Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9 VAC 5-80-110 G.6)
- 87. **General Conditions - Duty to Submit Information** - Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9 VAC 5-80-80 G.
(9 VAC 5-80-110 K.1)

88. **General Conditions - Duty to Pay Permit Fees** - The owner of any source for which a permit under 9 VAC 5-80-50 through 9 VAC 5-80-300 was issued shall pay permit fees consistent with the requirements of 9 VAC 5-80-310 through 9 VAC 5-80-350 in addition to an annual permit maintenance fee consistent with the requirements of 9 VAC 5-80-2310 through 9 VAC 5-80-2350. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department. The amount of the annual permit maintenance fee shall be the largest applicable base permit maintenance fee amount from Table 8-11A in 9 VAC 5-80-2340, adjusted annually by the change in the Consumer Price Index.
(9 VAC 5-80-110 H, 9 VAC 5-80-340 C and 9 VAC 5-80-2340 B)
89. **General Conditions - Fugitive Dust Emission Standards** - During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:
- a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;
 - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;
 - c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;
 - d. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and
 - e. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.
- (9 VAC 5-40-90 and 9 VAC 5-50-90)
90. **General Conditions - Startup, Shutdown, and Malfunction** - At all times, including periods of startup, shutdown, and 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.
(9 VAC 5-50-20 E and 9 VAC 5-40-20 E)

91. **General Conditions - Alternative Operating Scenarios** - Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9 VAC 5 Chapter 80, Article 1. (9 VAC 5-80-110 J)
92. **General Conditions - Inspection and Entry Requirements** - The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:
- a. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.
 - d. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
- (9 VAC 5-80-110 K.2)
93. **General Conditions - Reopening For Cause** - The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9 VAC 5-80-80 F. The conditions for reopening a permit are as follows:
- a. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
 - b. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
 - c. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9 VAC 5-80-110 D.
- (9 VAC 5-80-110 L)
94. **General Conditions - Permit Availability** - Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request. (9 VAC 5-80-150 E)
95. **General Conditions - Transfer of Permits** - No person shall transfer a permit from one location to another, unless authorized under 9 VAC 5-80-130, or from one piece of equipment to another. (9 VAC 5-80-160)

96. **General Conditions - Transfer of Permits** - In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)
97. **General Conditions - Transfer of Permits** - In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)
98. **General Conditions - Malfunction as an Affirmative Defense** - A malfunction constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the requirements of Condition 99 are met.
(9 VAC 5-80-250)
99. **General Conditions - Malfunction as an Affirmative Defense** - The affirmative defense of malfunction shall be demonstrated by the permittee through properly signed, contemporaneous operating logs, or other relevant evidence that show the following:
- a. A malfunction occurred and the permittee can identify the cause or causes of the malfunction.
 - b. The permitted facility was at the time being properly operated.
 - c. During the period of the malfunction the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.
 - d. The permittee notified the Board of the malfunction within two working days following the time when the emission limitations were exceeded due to the malfunction. This notification shall include a description of the malfunction, any steps taken to mitigate emissions, and corrective actions taken. The notification may be delivered either orally or in writing. The notification may be delivered by electronic mail, facsimile transmission, telephone, or any other method that allows the permittee to comply with the deadline. This notification fulfills the requirements of 9 VAC 5-80-110 F.2.b to report promptly deviations from permit requirements. This notification does not release the permittee from the malfunction reporting requirement under 9 VAC 5-20-180 C.
(9 VAC 5-80-250)
100. **General Conditions - Malfunction as an Affirmative Defense** - In any enforcement proceeding, the permittee seeking to establish the occurrence of a malfunction shall have the burden of proof.
(9 VAC 5-80-250)
101. **General Conditions - Malfunction as an Affirmative Defense** - The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any applicable requirement.
(9 VAC 5-80-250)

102. **General Conditions - Permit Revocation or Termination for Cause** - A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9 VAC 5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.
(9 VAC 5-80-190 C and 9 VAC 5-80-260)
103. **General Conditions - Duty to Supplement or Correct Application** - Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9 VAC 5-80-80 E)
104. **General Conditions - Stratospheric Ozone Protection** - If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(40 CFR Part 82, Subparts A-F)
105. **General Condition – Asbestos Requirements** - The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).
(9 VAC 5-60-70 and 9 VAC 5-80-110 A.1)
106. **General Condition - Accidental Release Prevention** - If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(40 CFR Part 68)
107. **General Conditions - Changes to Permits for Emissions Trading** - No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9 VAC 5-80-110 I)
108. **General Conditions - Emissions Trading** - Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:
- a. All terms and conditions required under 9 VAC 5-80-110, except subsection N, shall be included to determine compliance.
 - b. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.

- c. The owner shall meet all applicable requirements including the requirements of 9 VAC 5-80-50 through 9 VAC 5-80-300.
(9 VAC 5-80-110 I)

X. State-Only Enforceable Requirements

109. **State-Only Enforceable Requirements** - The following terms and conditions are not required under the federal Clean Air Act or under any of its applicable federal requirements, and are not subject to the requirements of 9 VAC 5-80-290 concerning review of proposed permits by EPA and draft permits by affected states.

- a. To reduce offsite impacts of formaldehyde air emissions, the minimum stack height for Press Vent No. 2 (center vent) shall be 20 meters, and the maximum diameter for Press Vent No. 2 shall be 1.3 meters.

(9 VAC 5-80-110 N and 9 VAC 5-80-300)