



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

BLUE RIDGE REGIONAL OFFICE

901 Russell Drive, Salem, Virginia 24153

(540) 562-6700

www.deq.virginia.gov

Travis A. Voyles
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director
(804) 698-4020

Robert J. Weld
Regional Director

March 5, 2024

Mr. Harrison Wicks
General Manager
Teal Jones Pine Products, Inc.
315 Carver Road
Martinsville, VA 24115
hwicks@tealjones.com

Location: Henry County
Registration No.: 30253

Dear Mr. Wicks:

Attached is an initial Title V permit to operate your facility pursuant to 9VAC5 Chapter 80 Article 1 of the Virginia Regulations for the Control and Abatement of Air Pollution. The attached permit will be in effect beginning March 5, 2024.

In the course of evaluating the application and arriving at a final decision to issue this permit, the Department of Environmental Quality (DEQ) deemed the application complete on May 26, 2023 and solicited written public comments by placing a newspaper advertisement in the *Martinsville Bulletin* on February 1, 2024. The thirty-day required comment period, provided for in 9VAC5-80-270 expired on March 4, 2024.

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

This permit approval to operate shall not relieve Teal Jones Pine Products, Inc. of the responsibility to comply with all other local, state, and federal permit regulations.

To review any federal rules referenced in the attached permit, the US government Publishing Office maintains the text of the rules at www.ecfr.gov, Title 40, Parts 60 and 63.

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

DEQ within 30 days after this case decision notice was mailed or delivered to you. 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:

Director
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218

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 Blue Ridge Regional Office at 540-562-6700.

Sincerely,


for Robert J. Weld
Regional Director

Attachment: Permit

cc: Christopher Rupe, DEQ BRRO Air Permit Writer (*electronic*)
Christina Clark, DEQ BRRO Air Compliance Inspector (*electronic*)
Nicole Wright, DEQ BRRO Air Compliance (*electronic*)
Margaret Wagner, DEQ BRRO Air Compliance Manager (*electronic*)
Yongtian (Tom) He, PhD, EPA Region III (he.yongtian@epa.gov)
Maya Whitaker, DEQ Office of Air Permit Programs (OAPP)(*electronic*)



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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 9VAC5-80-50 through 9VAC5-80-300 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: Teal Jones Pine Products, Inc.
Facility Name: Teal Jones Pine Products, Inc.
Facility Location: 315 Carver Road, Martinsville
Martinsville, Virginia 24112
Registration Number: 30253
Permit Number: BRRO-30253

This permit includes the following programs:
Federally Enforceable Requirements - Clean Air Act

March 5, 2024
Effective Date

Paul R. Jenkins
for Robert J. Weld, Regional Director

March 4, 2029
Expiration Date

March 5, 2024
Signature Date

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Facility Information

Permittee

Teal Jones Pine Products, Inc.
315 Carver Road, Martinsville
Martinsville, Virginia 24112

Responsible Official

Harrison Wicks
General Manager

Facility

Teal Jones Pine Products, Inc.
315 Carver Road, Martinsville
Martinsville, Virginia 24112

Contact Person

Renee Thompson
EHS Manager
276-957-2222

County-Plant Identification Number: 51-089-00030

Facility Description: NAICS 321113 – SIC 2421 – Sawmills

Teal Jones Pine Products, Inc. manufactures dimensional softwood lumber for the construction industry. The facility operates a rough-cut sawmill, a direct-fired continuous kiln, steam-heated batch kiln, and planer mill. Logs are brought onto the site, debarked, and cut to specific dimensions in the sawmill. The lumber is dried in the kilns and sent to the planer mill, where boards are planed and cut to final dimensions.

Emission Units

Process 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
ES-EG Fire Pump	---	Generac, Model Number 6998, Propane fired Emergency Generator, 2022	10 hp (7.5 kW)	---	---	---	---
ES-EG Utility	---	Generac, Model Number 6998, Propane fired Emergency Generator, 2022	10 hp (7.5 kW)	---	---	---	---
ES-EG Office	---	Generac, Model Number 6998, Propane fired Emergency Generator, 2023	10 hp (7.5 kW)	---	---	---	---
B1	EP-B1	Industrial Boiler Co. Model No. 3-4200-250, wood fired boiler	30.9 MMBtu/hr	Industrial Boiler Company Multicyclone	B1A	PM-10	June 29, 2021
CDK-01	---	Continuous Dry Kiln - American Wood Dryers Continuous direct-fired kiln with wood-fired burner	40 MMBtu/hr 13,700 BF ¹ /hr	---	---	---	June 29, 2021
K1	---	Batch Kiln – steam-heated lumber drying kiln	57.7 MMBF/yr	---	---	---	June 29, 2021
P1	EP-P1	Planer mill and hog grinder	177.7 MMBF/yr	Fabric Filter - Baghouse	P1A	PM-10	June 29, 2021

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

¹ BF = Board feet

Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)

Limitations

1. **Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office) – Limitations –** Visible emissions from the emergency engines 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.
(9VAC5-80-110 and 9VAC5-50-80)
2. **Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office) – Limitations –** The approved fuel for the emergency engines is propane. A change in fuel may require a permit to modify and operate.
(9VAC5-80-110)

MACT ZZZZ – Stationary Reciprocating Internal Combustion Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)

3. **MACT Subpart ZZZZ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office) – General Compliance Requirements –** The permittee must be in compliance with the emission limitations, operating limitations and other requirements in Subpart ZZZZ that apply to the source at all times. At all times the permittee shall operate and maintain the affected source in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records and inspection of the source.
(9VAC5-80-110 and 40 CFR 63.6605)
4. **MACT Subpart ZZZZ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office) – General Compliance Requirements –** The permittee must comply with 40 CFR 63, Subpart ZZZZ by complying with the applicable requirements of 40 CFR 60, Subpart JJJJ, as listed in Conditions 5 through 10.
(9VAC5-80-110 and 40 CFR 63.6590 (c))

NSPS JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)

Limitations

5. **NSPS Subpart JJJJ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office) –** For the emergency engines (ES-EG Fire Pump, ES-EG Utility,

ES-EG Office), the permittee shall comply with the emissions standards in 40 CFR 60.4231(a) over the entire life of the engines.
(9VAC5-80-110, 40 CFR 60.4233(a), and 40 CFR 60.4234)

6. **NSPS Subpart JJJJ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)** – For the emergency engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office), the permittee shall comply by purchasing an engine certified to the emission standards in 40 CFR 60.4231(a) for the same engine class and maximum engine power. In addition, the permittee shall meet one of the requirements specified in 40 CFR 60.4243(a) (1) and (2).
(9VAC5-80-110 and 40 CFR 60.4243(a))
7. **NSPS Subpart JJJJ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)** – The permittee shall operate the emergency engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office) according to the requirements in 40 CFR 60.4243(d) (1) through (3). In order for the engine to be considered an emergency stationary ICE under 40 CFR 60 Subpart JJJJ, any operation other than emergency operation, maintenance and testing and operation in non-emergency situations for 50 hours per year, as described in 40 CFR 60.4243(d) (1) through (d) (3), is prohibited. If the permittee does not operate each engine according to the requirements in 40 CFR 4243(d) (1), (2) or (3), that engine will not be considered an emergency engine under 40 CFR 60 Subpart JJJJ and shall meet all requirements for non-emergency engines. Operation for non-emergency purposes may require a permit to modify and operate pursuant to 9VAC5-80 Article 6.
(9VAC5-80-110 and 40 CFR 60.4243(d))

Monitoring

8. **NSPS Subpart JJJJ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)** – The permittee shall install a non-resettable hour meter upon startup of the emergency engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office), unless the permittee maintains records demonstrating that each engine meets the standards applicable to non-emergency engines.
(9VAC5-80-110 and 40 CFR 60.4237(c))

Recordkeeping

9. **NSPS Subpart JJJJ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)** – For the emergency engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office), the permittee shall keep records of the information specified in 40 CFR 60.4243(a)(1) and 40 CFR 60.4245(a)(3).
(9VAC5-80-110 and 40 CFR 60.4245(a))

General Provisions

10. **NSPS Subpart JJJJ Requirements – Emergency Engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office)** – For the emergency engines (ES-EG Fire Pump, ES-EG Utility, ES-EG Office), the permittee shall comply with the General Provisions (40 CFR 60.1 through 60.19) as applicable according to Table 3 to 40 CFR 60 Subpart JJJJ. (9VAC5-80-110 and 40 CFR 60.4246)

Fuel-burning Equipment Requirements – Boiler (B1)

Limitations

11. **Boiler (B1) – Limitations** – Particulate emissions (PM) from the boiler (B1) shall be controlled by a multicyclone. The multicyclone shall be provided with adequate access for inspection.
(9VAC5-80-1180 and Condition 1 of 06/29/2021 Permit Document)
12. **Boiler (B1) – Limitations** – The approved fuel for the boiler (B1) is wet wood or sawdust. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-1180 and Condition 7 of 06/29/2021 Permit Document)
13. **Boiler (B1) – Limitations** – The boiler (B1) shall consume no more than 25,000 tons of wood and sawdust (wet basis) per year, calculated as the sum of each consecutive 12-month period.
(9VAC5-80-1180 and Condition 8 of 06/29/2021 Permit Document)
14. **Boiler (B1) – Limitations** – Emissions from the operation of the boiler (B1) shall not exceed the limits specified below:

Particulate Matter	8.2 lbs/hr	28.8 tons/yr
Carbon Monoxide	22.3 lbs/hr	81.0 tons/yr
NOx	8.2 lbs/hr	28.8 tons/yr
Volatile Organic Compounds	2.8 tons/yr	

(9VAC5-80-1180 and Condition 11 of 06/29/2021 Permit Document)

15. **Boiler (B1) – Limitations** – Visible emissions from the boiler (B1) and the truck loadout stations 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 as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A).
(9VAC5-80-1180 and Condition 15 of 06/29/2021 Permit Document)

Monitoring

16. **Boiler (B1) – Monitoring** – Multicyclone Inspection: An annual inspection shall be conducted on the multicyclone by the permittee to ensure structural integrity and record the results in a log book.
(9VAC5-80-110 E & K)
17. **Boiler (B1) – Monitoring** - At least one time per calendar day an observation of the visible emissions from the boiler (B1) shall be made. The presence of visible emissions shall require the permittee to:
 - a. take corrective action such that the boiler resumes with visible emissions less than 20 percent opacity, or
 - b. conduct a visible emission evaluation (VEE), in accordance with EPA Method 9 (reference 40 CFR 60, Appendix A) for a minimum of six (6) minutes, to assure visible emissions from the openings are 20 percent opacity or less. If any of the observations exceed 20 percent, the observation period shall continue until a total of sixty (60) minutes of observation have been completed.

After conducting daily visible emissions evaluations for a twelve-week period without observing any visible emissions, the permittee with DEQ concurrence, may reduce the monitoring frequency to once per calendar week. Any time the weekly visible emissions evaluations show observable opacity, or when requested by DEQ, the monitoring frequency shall resume the daily visible emissions evaluations. Once daily visible emissions observations are conducted for a twelve-week period without observation of any visible emissions at any time, a weekly schedule may again be instituted.

The permittee shall maintain an observation log to demonstrate compliance. The log shall include the date and time of the observations, whether or not there were visible emissions, the results of all VEEs, any necessary corrective action, and the name of the observer. If the boiler has not been operated for any period during the day or week (as applicable), it shall be noted in the log book that a visual observation was not required.
(9VAC5-80-110 E & K)

Recordkeeping

18. **Boiler (B1) – 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 Blue Ridge Regional Office. These records shall include, but are not limited to:
 - a. Annual consumption of wood and sawdust (in wet tons) by the boiler (B1), calculated monthly as the sum of each consecutive 12-month period.

- b. All multicyclone structural integrity evaluations as required by Condition 16.
- c. Visible emissions evaluations (VEE) records for the boiler (B1) as required by Condition 17.

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

(9VAC5-80-110, 9VAC5-40-50, and Condition 17 of 06/29/2021 Permit Document)

Testing

- 19. **Boiler (B1) – Testing** – The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the DEQ, test ports shall be provided at the appropriate locations.
(9VAC5-80-110 and 9VAC5-40-30)
- 20. **Boiler (B1) – 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.
(9VAC5-80-110)
- 21. **Boiler (B1) – Testing** – The permittee shall conduct a performance test of the boiler (B1) within 180 days of issuance of this permit to demonstrate compliance with the emission limits contained in Condition 14. The test shall be conducted and reported and data reduced as set forth in 9VAC5-40-30. The performance test shall include a test method performance audit (PA), where applicable. The details of the tests are to be arranged with the Blue Ridge 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 Blue Ridge Regional Office no later than 60 days after test completion.
(9VAC5-80-110 and 9VAC5-40-30)

MACT Subpart DDDDD – Industrial, Commercial, and Institutional Boilers and Process Heaters – Fuel Burning Equipment – (B1)

On or before April 19, 2025, the permittee shall meet the applicable requirements in Conditions 22 through 39 for the boiler (B1).

As an alternative to meeting the applicable requirements in Conditions 34 through 39, the permittee may choose to operate the boiler (B1) as a limited-use boiler as defined in 40 CFR 63.7575.

In the event that the boiler (B1) is operated as a limited-use boiler, Conditions 40 through 42 shall become applicable and Conditions 34 through 39 shall become obsolete. The permittee

shall notify the Blue Ridge Regional Office prior to a change in boiler subcategory as required in Condition 31.

General Compliance and Provision Requirements

22. **MACT Subpart DDDDD - (B1) – General Compliance Requirements** - The permittee shall comply with the applicable requirements of National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters 40 CFR 63, Subpart DDDDD by April 19, 2025, as specified in 40 CFR 63.7495(c)(2).
(9VAC5-80-110 and 40 CFR 63.7495)
23. **MACT Subpart DDDDD - (B1) – General Compliance Requirements** – The permittee shall comply with the general compliance requirements specified in 40 CFR 63.7505.
(9VAC5-80-110 and 40 CFR 63.7505)
24. **MACT Subpart DDDDD - (B1) – General Provisions Requirements** – The permittee shall comply with the applicable General Provisions as specified in Table 10 to Subpart DDDDD of Part 63.
(9VAC5-80-110 and 40 CFR 63.7565)

Initial Compliance Requirements

25. **MACT Subpart DDDDD - (B1) – Initial Compliance Requirements** – The permittee shall complete an initial tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) by April 19, 2025, as specified in 40 CFR 63.7495(c)(2).
(9VAC5-80-110, 40 CFR 63.7510, and 40 CFR 63.7495)
26. **MACT Subpart DDDDD - (B1) – Initial Compliance Requirements** – The permittee shall demonstrate initial compliance with the emission limitations, fuel specifications, and work practice standards as specified in 40 CFR 63.7530.
(9VAC5-80-110 and 40 CFR 63.7530)

Continuous Compliance Requirements

27. **MACT Subpart DDDDD - (B1) – Subsequent Performance Tests, Fuel Analysis, or Tune-ups** – The permittee shall conduct subsequent performance tests, fuel analyses, or tune-ups as specified in 40 CFR 63.7515.
(9VAC5-80-110 and 40 CFR 63.7515)
28. **MACT Subpart DDDDD - (B1) – Monitoring, Installation, Operation and Maintenance Requirements** – The permittee shall comply with the monitoring, installation, operation, and maintenance requirements specified in 40 CFR 63.7525.
(9VAC5-80-110, and 40 CFR 63.7525)

29. **MACT Subpart DDDDD - (B1) – Continuous Compliance Requirements** – The permittee shall demonstrate continuous compliance with the emission limitations, fuel specifications, and work practice standards as specified in 40 CFR 63.7540. (9VAC5-80-110 and 40 CFR 63.7540)

Notifications, Reports and Records

30. **MACT Subpart DDDDD - (B1) – Notifications** – The permittee shall submit notifications as specified in 40 CFR 63.7545. (9VAC5-80-110 and 40 CFR 63.7545)
31. **MACT Subpart DDDDD - (B1) – Notifications** – The permittee shall notify the Blue Ridge Regional Office in writing which subcategory the boiler (B1) is to be operated under prior to the compliance date specified in 40 CFR 63.7495(c)(2). The notification shall indicate that the source is subject to the relevant standards and shall include the information required by 40 CFR 63.9(b). (9VAC5-80-110, 40 CFR 63.7495, and 40 CFR 63.9)
32. **MACT Subpart DDDDD - (B1) – Reports** – The permittee shall submit reports as specified in 40 CFR 63.7550. (9VAC5-80-110 and 40 CFR 63.7550)
33. **MACT Subpart DDDDD - (B1) – Records** – The permittee shall keep records as specified in 40 CFR 63.7555 and 40 CFR 63.7560. (9VAC5-80-110, 40 CFR 63.7555, and 40 CFR 63.7560)

Initial Compliance Requirements

34. **MACT Subpart DDDDD - (B1) – Initial Compliance Requirements** – The permittee shall demonstrate initial compliance with the applicable emission limits as specified in 40 CFR 63.7510 (a) through (d) by the applicable compliance date specified in 40 CFR 63.7510(e). (9VAC5-80-110 and 40 CFR 63.7510)

Emissions Limitations, Work Practice Standards, and Operating Limits

35. **MACT Subpart DDDDD - (B1) – Emission Limitations** – The permittee shall meet the emission limits as specified in Table 2 to Subpart DDDDD of Part 63. (9VAC5-80-110 and 40 CFR 63.7500)
36. **MACT Subpart DDDDD - (B1) – Work Practice Standards** – The permittee shall comply with the work practice standards specified in Table 3 to Subpart DDDDD of Part 63. (9VAC5-80-110 and 40 CFR 63.7500)

37. **MACT Subpart DDDDD - (B1) – Operating Limits** – The permittee shall comply with the operating limits specified in Table 4 to Subpart DDDDD of Part 63. (9VAC5-80-110 and 40 CFR 63.7500)

Continuous Compliance Requirements

38. **MACT Subpart DDDDD - (B1) – Stack Tests and Procedures** – The permittee shall use the stack tests and procedures as specified in 40 CFR 63.7520. (9VAC5-80-110 and 40 CFR 63.7520)
39. **MACT Subpart DDDDD - (B1) – Monitoring, Installation, Operation and Maintenance Requirements** – The permittee shall comply with the monitoring, installation, operation, and maintenance requirements specified in 40 CFR 63.7535. (9VAC5-80-110, and 40 CFR 63.7535)

Operating Limits (Limited-use)

40. **MACT Subpart DDDDD - (B1) – Operating Limits** – For a boiler in the limited-use subcategory, the permittee shall comply with the applicable operating limits specified in 40 CFR 63.7500. (9VAC5-80-110 and 40 CFR 63.7500)

Notifications, Reports and Records (Limited-use)

41. **MACT Subpart DDDDD - (B1) – Records** – For a boiler in the limited-use subcategory, the permittee shall keep fuel use records for the days the boiler was operating as specified in 40 CFR 63.7525(k). (9VAC5-80-110 and 40 CFR 63.7525)
42. **MACT Subpart DDDDD - (B1) – Records** – For a boiler in the limited-use subcategory, the permittee shall keep a copy of the federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent as specified in 40 CFR 63.7555(a)(3). (9VAC5-80-110 and 40 CFR 63.7555)

Process Equipment Requirements – Continuous Dry Kiln (CDK-01)

Limitations

43. **Continuous Dry Kiln (CDK-01) – Limitations** – The throughput of lumber to the Continuous Dry Kiln (CDK-01) shall not exceed 120 million board feet of lumber per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the

most recently completed calendar month to the individual monthly totals for the preceding 11 months.

(9VAC5-80-1180 and Condition 6 of 06/29/2021 Permit Document)

44. **Continuous Dry Kiln (CDK-01) – Limitations** -The approved fuel for the Continuous Dry Kiln (CDK-01) burner is wet wood or sawdust. A change in the fuel shall be considered a change in the method of operation of the Continuous Dry Kiln (CDK-01) and may require a new or amended permit. However, if a change in the fuel is not subject to new source review permitting requirements, this condition should not be construed to prohibit such a change.

(9VAC5-80-1180 and Condition 9 of 06/29/2021 Permit Document)

45. **Continuous Dry Kiln (CDK-01) – Limitations** - The Continuous Dry Kiln (CDK-01) burner shall consume no more than 38,933 tons of wet wood and sawdust per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

(9VAC5-80-1180 and Condition 10 of 06/29/2021 Permit Document)

46. **Continuous Dry Kiln (CDK-01) – Limitations** - Emissions from the operation of the Continuous Dry Kiln (CDK-01) shall not exceed the limits specified below:

PM (condensable)	0.7 lb/hr	3.0 tons/yr
PM10 (condensable)	0.7 lb/hr	3.0 tons/yr
PM2.5 (condensable)	0.7 lb/hr	3.0 tons/yr
Sulfur Dioxide	1.0 lb/hr	4.4 tons/yr
Nitrogen Oxides (as NO ₂)	8.8 lb/hr	38.5 tons/yr
Carbon Monoxide	24.0 lb/hr	105.1 tons/yr
Volatile Organic Compounds	3.52 lbs/MBF	211.2 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 43, 44, and 45.

(9VAC5-80-1180 and Condition 13 of 06/29/2021 Permit Document)

47. **Continuous Dry Kiln (CDK-01) – Limitations** - The facility shall develop and maintain an operations and maintenance plan for the Continuous Dry Kiln and burner (CDK-01). This plan shall include at a minimum operations and maintenance as recommended by the manufacturer and the Continuous Dry Kiln and burner (CDK-01) shall be operated according to this plan.
(9VAC5-80-1180 and Condition 4 of 06/29/2021 Permit Document)
48. **Continuous Dry Kiln (CDK-01) – Limitations** – Visible emissions from the Continuous Dry Kiln (CDK-01) 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 startup, shutdown, and malfunctions.
(9VAC5-80-110 and 9VAC5-50-80)

Monitoring

49. **Continuous Dry Kiln (CDK-01) – Monitoring** – At least once per calendar day an observation of the presence of visible emissions from the Continuous Dry Kiln (CDK-01) shall be made. The presence of visible emission shall require the permittee to:
- a. take corrective action such that the Continuous Dry Kiln (CDK-01) resumes operation with no visible emissions, or
 - b. conduct a visible emission evaluation (VEE), in accordance with EPA Method 9 (reference 40 CFR 60, Appendix A) for a minimum of six (6) minutes, to assure visible emissions from the openings are 5 percent opacity or less. If any of the observations exceed 20 percent, the observation period shall continue until a total of sixty (60) minutes of observation have been completed.

After conducting daily visible emissions evaluations for a twelve-week period without observing any visible emissions, the permittee with DEQ concurrence, may reduce the monitoring frequency to once per calendar week. Any time the weekly visible emissions evaluations show observable opacity, or when requested by DEQ, the monitoring frequency shall resume the daily visible emissions evaluations. Once daily visible emissions observations are conducted for a twelve-week period without observation of any visible emissions at any time, a weekly schedule may again be instituted.

The permittee shall maintain an observation log for the to demonstrate compliance. The log shall include the date and time of the observations, whether or not there were visible emissions, the results of all VEEs, any necessary corrective action, and the name of the observer. If the Continuous Dry Kiln (CDK-01) has not been operated for any period during the day/week (as applicable), it shall be noted in the log book that a visual observation was not required.
(9VAC5-80-110 E & K)

Recordkeeping

50. **Continuous Dry Kiln (CDK-01) – Recordkeeping** –The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:

- a. Annual throughput of lumber to the Continuous Dry Kiln (CDK-01) to verify compliance with Condition 43, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
- b. Annual consumption of wet wood and sawdust by the Continuous Dry Kiln (CDK-01) burner to verify compliance with Condition 45, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
- c. Monthly and annual emissions calculations for the Continuous Dry Kiln (CDK-01) using calculation methods approved by the Blue Ridge Regional Office to verify compliance with the lb/hr, ton/yr, and lbs/MBF emissions limitations in Condition 46. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
- d. Scheduled and unscheduled maintenance and operator training.
- e. Records of the operation and maintenance plan for CDK-01 as required by Condition 0.
- f. Visible emissions logs for the Continuous Dry Kiln (CDK-01) as required by Condition 49.

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

(9VAC5-80-1180 and Condition 18 of 06/29/2021 Permit Document)

Process Equipment Requirements – Batch Kiln (K1)

Limitations

51. **Batch Kiln (K1) – Limitations** – The throughput of the Batch Kiln (K1) shall not exceed 57.7 million board feet of lumber per year, calculated monthly as the sum of each consecutive 12-month period.
(9VAC5-80-1180 and Condition 5 of 06/29/2021 Permit Document)
52. **Batch Kiln (K1) – Limitations** – Emissions from the operation of the Batch Kiln (K1) shall not exceed the limits specified below:
- | | |
|----------------------------|------------|
| Volatile Organic Compounds | 95 tons/yr |
|----------------------------|------------|
- (9VAC5-80-1180 and Condition 12 of 06/29/2021 Permit Document)
53. **Batch Kiln (K1) – Limitations** – Visible emissions from the Batch Kiln (K1) 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 startup, shutdown, and malfunctions.
(9VAC5-80-110 and 9VAC5-50-80)

Recordkeeping

54. **Batch Kiln (K1) – Recordkeeping** –The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:
- Annual throughput of lumber to the Batch Kiln (K1) to verify compliance with Condition 51, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
 - Monthly and annual emissions calculations for the Batch Kiln (K1) using calculation methods approved by the Blue Ridge Regional Office to verify compliance with the tons/yr, emissions limitation in Condition 52. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

These records shall be available for inspection by the DEQ and shall be current for the most recent five (5) years.
(9VAC5-80-1180 and Conditions 17 of 06/29/2021 Permit Document)

MACT Subpart DDDD – Plywood and Composite Wood Products – Kilns (CDK-01 and K1)

General Compliance Requirements

55. **MACT DDDD – Kilns (CDK-01 and K1) – General Compliance Requirements** – The permittee must be in compliance with all applicable requirements in Subpart DDDD that apply to the source at all times. At all times the permittee shall operate and maintain the affected source in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, and inspection of the source.
(9VAC5-80-1180 and 40 CFR 63.2250)

Notifications

56. **MACT DDDD – Kilns (CDK-01 and K1) – Notification Requirements** – Owners and operators of lumber-drying kilns located at a major source for hazardous air pollutants are not required to comply with the compliance options, work practice requirements, performance testing, monitoring, and recordkeeping or reporting requirements of Subpart DDDD, except for the initial notification requirements in 40 CFR 63.9(b).
(9VAC5-80-1180 and 40 CFR 63.2252)

Process Equipment Requirements – Planer Mill (P1)

Limitations

57. **Planer Mill (P1) – Limitations** – Particulate emissions (PM) from the Planer Mill (P1) and Hog Grinder (P1) shall be controlled by a fabric filter. The fabric filters shall be provided with adequate access for inspection.
(9VAC5-80-1180 and Condition 2 of 06/29/2021 Permit Document)
58. **Planer Mill (P1) – Limitations** – Visible emissions from Planer Mill (P1) shall not exceed 5 percent opacity each as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9VAC5-80-1180 and Condition 14 of 06/29/2021 Permit Document)

59. **Planer Mill (P1) – Limitations** – PM emissions from the operation of the Planer Mill (P1) shall not exceed the limits specified below:

Particulate Matter (PM) 0.05 gr/scf

Compliance with this emission limit may be determined as stated in Condition 58.
(9VAC5-80-110 and 9VAC5-40-2270)

Monitoring

60. **Planer Mill (P1) – Monitoring** – Fabric filters shall be equipped with a device to continuously measure differential pressure across the inlet and outlet. The differential pressure 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. The monitoring device shall be provided with adequate access for inspection and shall be in operation when the fabric filter is operating.

The permittee shall establish a normal operating range for the differential pressure drop across the fabric filter based upon the manufacturer's recommendations or developed from observations recorded from the monitoring device during normal operation. The permittee shall maintain written documentation of this range.

(9VAC5-80-1180, 9VAC5-80-110 E, and Condition 3 of 06/29/2021 Permit Document)

61. **Planer Mill (P1) – Monitoring** – To ensure compliance with the normal operating ranges established in Condition 60, the monitoring device used to continuously measure differential pressure drop across the fabric filters shall be observed by the permittee once per day. The permittee shall keep a log of the observations, from the monitoring device.
(9VAC5-80-110 E & K)

62. **Planer Mill (P1) – Monitoring** – At least one time per calendar day an observation of the presence of visible emissions from the Planer Mill (P1) shall be made. The presence of visible emissions shall require the permittee to:

- a. take corrective action such that the Planer Mill (P1) resumes operation with no visible emissions, or
- b. conduct a visible emission evaluation (VEE), in accordance with EPA Method 9 (reference 40 CFR 60, Appendix A) for a minimum of six (6) minutes, to assure visible emissions from the openings are 5 percent opacity or less. If any of the observations exceed 20 percent, the observation period shall continue until a total of sixty (60) minutes of observation have been completed.

After conducting daily visible emissions evaluations for a twelve-week period without observing any visible emissions, the permittee with DEQ concurrence, may reduce the

monitoring frequency to once per calendar week. Any time the weekly visible emissions evaluations show observable opacity, or when requested by DEQ, the monitoring frequency shall resume the daily visible emissions evaluations.

The permittee shall maintain an observation log to demonstrate compliance. The log shall include the date and time of the observations, whether or not there were visible emissions, the results of all VEEs, any necessary corrective action, and the name of the observer. If the Planer Mill has not been operated for any period during the day/week (as applicable), it shall be noted in the log book and that a visual observation was not required.
(9VAC5-80-110 E & K)

Recordkeeping

63. **Planer Mill (P1) – 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 Blue Ridge Regional Office. These records shall include, but are not limited to:

- a. Control device monitoring records as required in Condition 61.
- b. Visible emissions evaluations (VEE) records for the Planer Mill as required by Condition 62.
- c. Scheduled and unscheduled maintenance and operator training.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.
(9VAC5-80-110)

Testing

64. **Planer Mill (P1) – Testing** – The permittee shall conduct a performance test for particulate matter (PM) from the fabric filters exhaust (P1A) that control particulate emissions from the Planer Mill (P1) within 180 days of issuance of this permit to demonstrate compliance with the particulate matter (PM) emission limits contained in Condition 59. The performance test shall include a test method performance audit (PA), where applicable. The details of the tests are to be arranged with the Blue Ridge 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 Blue Ridge Regional Office no later than 60 days after test completion.
(9VAC5-80-110 E and 9VAC5-40-30)

Facility Wide Conditions

Limitations

65. **Facility Wide Conditions - Limitations** – Fugitive particulate emissions from the collection and transferring of collected wood shall be controlled by taking reasonable precautions to prevent the particulate matter from becoming airborne.
(9VAC5-80-110 and Condition 16 of 06/29/2021 Permit Document)
66. **Facility Wide Conditions – Limitations** – At all times, including periods of start-up, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

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 and process equipment which affect such emissions:

- a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.
- 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.
- d. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures prior to their first operation of such equipment. 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.
(9VAC5-80-110 and Condition 23 of 06/29/2021 Permit Document)

Testing

67. **Facility Wide Conditions - Testing** - The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the DEQ, test ports shall be provided at the appropriate locations.
(9VAC5-80-110 and 9VAC5-50-30)

68. **Facility Wide Conditions - 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.
 (9VAC5-80-110)

Insignificant Emission Units

69. **Insignificant Emission Units** - The following emission units at the facility are identified in the application as insignificant emission units under 9VAC5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
Sawmill	Rough-cut Sawmill (Wet Wood)	9VAC5-80-720B	PM10	---
S1	Silo - Wet sawdust and wood	9VAC5-80-720B	PM10	---

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 9VAC5-80-110.
 (9VAC5-80-110)

Permit Shield & Inapplicable Requirements

70. **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
40 CFR 63 Subpart JJJJJ	Area Source Boiler MACT	Source is now classified as a major source.
40 CFR 60 Subpart Dc	New Source Performance Standard (NSPS) – Boilers less than 100 million Btu per hour heat input	Boiler (B1) constructed before 1989

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 or (ii) the DEQ pursuant to §10.1-1307.3 or §10.1-1315 of the Virginia Air Pollution Control Law.
(9VAC5-80-110 and 9VAC5-80-140)

General Conditions

71. **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.
(9VAC5-80-110)
72. **General Conditions - Permit Expiration**
- a. 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 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.
 - b. 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.
 - c. If an applicant submits a timely and complete application for an initial permit or renewal under 9VAC5-80-80 F, 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 9VAC5 Chapter 80, until the DEQ takes final action on the application under 9VAC5-80-150.
 - d. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.
 - e. If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the DEQ 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 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.
 - f. The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by

the DEQ any additional information identified as being needed to process the application.

(9VAC5-80-80, 9VAC5-80-110, and 9VAC5-80-170)

73. **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; and
- f. The operating conditions existing at the time of sampling or measurement.

(9VAC5-80-110)

74. **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.

(9VAC5-80-110)

75. **General Conditions - Recordkeeping and Reporting** - The permittee shall submit the results of monitoring contained in any applicable requirement to the DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 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; and
- b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:
 - i. Exceedances of emissions limitations or operational restrictions;
 - ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring or 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 semiannual reporting period."

(9VAC5-80-110)

76. **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 the Environmental Protection Agency (EPA) and the 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 9VAC5-80-80 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 9VAC5-80-110, 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; and

- g. One copy of the annual compliance certification shall be submitted to the EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3_APD_Permits@epa.gov

(9VAC5-80-110)

77. **General Conditions - Permit Deviation Reporting** - The permittee shall notify the Blue Ridge 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 semiannual compliance monitoring report pursuant to Condition 75 of this permit.
(9VAC5-80-110 F. 2)
78. **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 no later than four daytime business hours after the malfunction is discovered, notify the Blue Ridge Regional Office of such failure or malfunction and within 14 days provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Blue Ridge Regional Office.
(9VAC5-80-110 and 9VAC5-20-180)
79. **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.
(9VAC5-80-110)
80. **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.
(9VAC5-80-110)
81. **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.

(9VAC5-80-110)

82. **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 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9VAC5-80-110, 9VAC5-80-190, and 9VAC5-80-260)
83. **General Conditions - Property Rights** - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110)
84. **General Conditions - Duty to Submit Information** - The permittee shall furnish to the DEQ, within a reasonable time, any information that the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality.
(9VAC5-80-110)
85. **General Conditions - Duty to Submit Information** - Any document (including reports) required in a permit condition to be submitted to the DEQ shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.
(9VAC5-80-110)
86. **General Conditions - Duty to Pay Permit Fees** - The owner of any source for which a permit was issued under 9VAC5-80-50 through 9VAC5-80-300 shall pay annual emissions fees, as applicable, consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350 and annual maintenance fees, as applicable, consistent with the requirements of 9VAC5-80-2310 through 9VAC5-80-2350.
(9VAC5-80-110, 9VAC5-80-310 et seq., and 9VAC5-80-2310 et seq.)
87. **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.

(9VAC5-80-110, 9VAC5-40-90, and 9VAC5-50-90)

88. **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 DEQ, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9VAC5-80-110, 9VAC5-50-20 E, and 9VAC5-40-20 E)
89. **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 9VAC5-80-140 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 9VAC5 Chapter 80, Article 1.
(9VAC5-80-110)
90. **General Conditions - Inspection and Entry Requirements** - The permittee shall allow the 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.

(9VAC5-80-110)

91. **General Conditions - Reopening for Cause** - The permit shall be reopened by the DEQ 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 9VAC5-80-80 F. The conditions for reopening a permit are as follows:

- a. The permit shall be reopened if the DEQ 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 DEQ 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 DEQ if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.

(9VAC5-80-110)

92. **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 the DEQ upon request.
(9VAC5-80-110 and 9VAC5-80-150)

93. General Conditions - Transfer of Permits

- a. No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.
- b. 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 DEQ of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.
- c. 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 DEQ of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.

(9VAC5-80-110 and 9VAC5-80-160)

- 94. 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 9VAC5 Chapter 80 Article 1. The DEQ may suspend, under such conditions and for such period of time as the DEQ may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.

(9VAC5-80-110, 9VAC5-80-190 C, and 9VAC5-80-260)

- 95. 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.

(9VAC5-80-110 and 9VAC5-80-80 E)

- 96. 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.

(9VAC5-80-110 and 40 CFR Part 82)

- 97. General Conditions - 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).
(9VAC5-60-70 and 9VAC5-80-110)

98. **General Conditions - 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 by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(9VAC5-80-110 and 40 CFR Part 68)
99. **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.
(9VAC5-80-110)
100. **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 9VAC5-80-110, except subsection N, shall be included to determine compliance.
 - b. The permit shield described in 9VAC5-80-140 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 9VAC5-80-50 through 9VAC5-80-300.
- (9VAC5-80-110)