

Fact Sheet



For Final Renewal Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Number: **R30-09700029-2016**
Application Received: **September 25, 2015**
Plant Identification Number: **03-54-097-00029**
Permittee: **Weyerhaeuser Company**
Facility Name: **Buckhannon Facility**
Mailing Address: **41 TJM Drive, Buckhannon, WV 26201**

Revised: NA

Physical Location: Buckhannon, Upshur County, West Virginia
UTM Coordinates: 568.00 km Easting • 4316.50 km Northing • Zone 17
Directions: From Charleston, take Interstate 79 North to the Buckhannon Exit (Exit 99), proceed east on State Route 33 towards Buckhannon, for approximately 14 miles. After passing by Route 20 (Phillipi/Buckhannon) Exit, take the 2nd Exit on the left onto Industrial Park Road (Route 15/33). Continue on Industrial Park Road for approximately one (1) mile until coming to Stop sign. The plant is straight ahead.

Facility Description

Weyerhaeuser Company (Weyerhaeuser) is an engineered wood products facility covered by Standard Industrial Classification (SIC) Code 2493 and the North American Industry Classification System (NAICS) Code 321219. The facility has the potential to operate twenty-four (24) hours per day, seven (7) days per week and fifty-two (52) weeks per year. The facility consists of one (1) wood-fired furnace, one (1) propane furnace, two (2) veneer dryers, three (3) wood presses, six (6) storage tanks of various sizes, six (6) baghouse systems, one (1) ESP, one (1) multiclone, and two (2) spray booths.

Emissions Summary

Plantwide Emissions Summary [Tons per Year]		
Regulated Pollutants	Potential Emissions	2015 Actual Emissions
Carbon Monoxide (CO)	185.67	41.29
Nitrogen Oxides (NO _x)	208.05	49.88
Lead (Pb)	1.49	0.064
Particulate Matter (PM _{2.5})	12.23	2.42
Particulate Matter (PM ₁₀)	59.22	11.37
Total Particulate Matter (TSP)	214.87	44.52
Sulfur Dioxide (SO ₂)	8.76	1.55
Volatile Organic Compounds (VOC)	234.4	95.06
<i>PM_{2.5} and PM₁₀ are components of TSP.</i>		
Hazardous Air Pollutants	Potential Emissions	2015 Actual Emissions
Formaldehyde	6.79	2.69
Methanol	54.62	25.00
Phenol	0.37	0.17
Diphenylmethane diisocyanate (MDI)	12.2	N/A

Some of the above HAPs may be counted as PM or VOCs.

Title V Program Applicability Basis

This facility has the potential to emit 185.67 tons per year of CO, 208.05 tons per year of NO_x, 234.4 tons per year VOC, 54.62 tons per year of Methanol, and 12.2 tons per year of MDI. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs, Weyerhaeuser Company is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR2	To Prevent And Control Particulate Air Pollution from Combustion Of Fuel In Indirect Heat Exchangers.
	45CSR6	Opekn burning prohibited.

	45CSR7	To Prevent and Control Particulate Air Pollution from Manufacturing Process Operations
	45CSR10	To Prevent and Control Air Pollution from the Emissions of Sulfur Dioxides
	45CSR11	Standby plans for emergency episodes.
	45CSR13	NSR Permits.
	45CSR16	New Source Performance Standards
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR30	Operating permit requirement.
	45CSR34	Emission Standards for Hazardous Air Pollutants
	40 C.F.R. Part 60 Subpart Db	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
	40 C.F.R. Part 60 Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
	40 C.F.R. Part 61	Asbestos inspection and removal
	40 C.F.R. Part 63 Subpart DDDD	National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products
	40 C.F.R. Part 63 Subpart DDDDD	National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.
	40 C.F.R. Part 82, Subpart F	Ozone depleting substances
State Only:	45CSR4	No objectionable odors.
	45CSR27	To Prevent and Control the Emissions of Toxic Air Pollutants.

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-1843C	November 25, 2015	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's

operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

Determinations and Justifications

This is the third renewal of this Title V permit. There have been no changes to the facility since the issuance of R30-09700029-2011(SM01) on February 17, 2016. This permit has been extensively reformatted to move source specific requirements that had been previously included in the Facility-Wide Requirements Section 3.0. The following table will give both the 2011 and 2016 title V permit condition numbers and a summary of the requirement with any changes noted.

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
3.1.9	3.1.29	Fugitive dust control measures.	45CSR13, R13-1843C Condition 4.1.15
	3.1.15	Maintain dust control of the facility. <i>Condition 3.1.9 contains fugitive dust control measures, therefore the requirements of 45CSR§7-5.2 were streamlined and compliance is shown by complying with 3.1.9.</i>	45CSR§7-5.2
	3.1.14	Minimize fugitive PM emissions. <i>Condition 3.1.9 contains fugitive dust control measures, therefore the requirements of 45CSR§7-5.2 were streamlined and compliance is shown by complying with 3.1.9.</i>	45CSR§7-5.1
3.3.1	3.3.1	Boiler plate testing language.	WV Code §§ 22-5-4(a)(14-15) and 45CSR13
3.4.1	3.3.6	Record of Monitoring. <i>Old 3.3.6 & 3.4.1 are same condition. Added citation from both.</i>	45CSR13, R13-1843C Condition 4.3.1.
	3.4.1	Boiler plate language.	45CSR§30-5.1.c.2.A.
3.4.4	3.3.7	Record of Maintenance of Air Pollution Control Equipment.	45CSR13, R13-1843C Condition 4.3.2.
3.4.5	3.3.8	Record of Malfunctions of Air Pollution Control Equipment.	45CSR13, R13-1843C Condition 4.3.3
4.1.1	4.1.2	10% Opacity Limit. [001-01, 001-02]	45CSR§2-3.1.
	4.1.15	20% Opacity Limit. Compliance is streamlined by showing compliance with the 10% opacity limit of 4.1.2. [001-01]. <i>There are more stringent opacity limits in old Condition 4.1.2. Therefore, this condition was referenced and streamlined.</i>	45CSR16, 40 C.F.R. § 60.43b (f)
4.1.2	4.1.3	Compliance method for visible emission limit of 45CSR§2-3.1 [001-01, 001-02]	45CSR§2-3.2.
4.1.3	4.1.5	Fugitive particulate matter control system requirements. [001-01]	45CSR§2-5.1.
4.1.4	4.1.6	Visible emission standards set forth in 45CSR§2-3 shall apply at all times except in periods of start-ups, shutdowns and malfunctions. [001-01, 001-02]	45CSR§2-9.1.
4.1.5	4.1.7	Maintain and operate any fuel burning unit(s) including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions [001-01, 001-02].	45CSR§2-9.2.
4.1.6	4.1.10	Allowable Emission Rates for Individual Stacks. [001-01, 001-02]	45CSR§§10-3.4. and 3.4.a.

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
4.1.7	4.1.13	Emission exceedances due to unavoidable malfunction of equipment or inadvertent fuel shortages	45CSR§10-9.1.
4.1.8	4.1.14	PM limits (lb/mmBtu) based on percentage of wood burned. [001-01]. <i>Removed old 4.1.14.b. Since the furnace only fires wood it is not subject to the limits detailed in old 4.1.14.b.</i>	45CSR16, 40 C.F.R. § 60.43b (c)(1)
4.1.9	4.1.16	Particulate matter and opacity standards apply at all times, except [001-01]	45CSR16, 40 C.F.R. § 60.43b (g)
4.1.10	4.1.4	PM lb/hr Limits. [001-01, 001-02]. <i>There are more stringent PM limits in Old Title V Conditions 4.1.20 & 4.1.21 so the limits were streamlined in new condition 4.1.10.</i>	45CSR§§2-4.1. and 4.1.b.
	4.1.9	Sulfur dioxide lb/hr limit. [001-01, 001-02] <i>There are more stringent SO₂ limits in Old Title V Conditions 4.1.20 & 4.1.21 so the limits were streamlined in new condition 4.1.10.</i>	45CSR§§10-3.3. and 3.3.f.
	4.1.20	Emission limits for WoodFurn. [001-01]	45CSR13, R13-1843C, 4.1.9.
	4.1.21	Emission Limits for StandByFurn. [001-02] <i>Combined Conditions 4.1.20 & 4.1.21. Also, streamlined the PM & SO₂ limits of 45CSR§§2-4.1 and 4.1.b; and 45CSR§§10-3.3 and 3.3.f.</i>	45CSR13, R13-1843C, 4.1.12.
4.1.11	4.3.3	Compliance for 001-02 emission limits demonstrated by using only Natural Gas or Propane. <i>Not a Testing Requirement, so moved to Limitations and Standards.</i>	45CSR§30-5.1.c.
4.1.12	4.1.22	Wood-waste fuel feed rate to the furnace. [001-01]	45CSR13, R13-1843C, 4.1.7.
4.1.13	4.1.23	Do not burn any washwater waste stream containing phenol-formaldehyde resins in the furnace. [001-01]	45CSR13, R13-1843C, 4.1.8.
4.1.14	4.1.24	Burn no more than one (1) ton per month of non-hazardous waste oils, oily rags and adsorbent materials saturated with such oils. [001-01]	45CSR13, R13-1843C, 4.1.14.
4.1.15	NA	40 C.F.R. 63 Subpart DDDDD Emission Limits [001-01]	45CSR34, 40 C.F.R. §63.7500(a)(1), Table 2 of 40 C.F.R. 63 Subpart DDDDD
4.1.16	NA	40 C.F.R. 63 Subpart DDDDD Work Practice Standards. [001-01, 001-02] <i>001-01 has a continuous oxygen trim system, so tune-ups are required every 5 years. 001-02 does not have a continuous oxygen trim system and has a capacity greater than 10 mmBtu/hr, so tune-ups are required annually.</i>	45CSR34, 40 C.F.R. §63.7500(a)(1), Table 3 Items 1, 3, 4, 5 & 6 of 40 C.F.R. 63 Subpart DDDDD
4.1.17	NA	40 C.F.R. 63 Subpart DDDDD Operating Limits [001-01]	45CSR34, 40 C.F.R. §63.7500(a)(2), Table 4 Item 4.a of 40 C.F.R. 63 Subpart DDDDD

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
4.1.18 – 4.1.30	NA	40 C.F.R. 63 Subpart DDDDD requirements.	45CSR34, 40 C.F.R. §63.7500(a)(3), §63.7500(f), §63.7505(a), §§63.7505(c), (d), (e), §§63.7525(a)(1)-(7), (c) §63.7540(a)(1),(2),(4), & (6), §63.7515(d), §§63.7540(a)(10), (12), & (13)
4.2.1	4.2.1	Monitor compliance with 45CSR§2-3 as set forth in an approved monitoring plan (see Appendix). [001-01]	45CSR§2-8.2.a.
4.2.2	4.2.2	Install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity. [001-01]	45CSR16, 40 C.F.R. § 60.48b (a)
4.2.3	4.2.4	Procedures under 40 C.F.R. § 60.13 shall be followed for installation, evaluation, and operation of the continuous monitoring systems. [001-01]	45CSR16, 40 C.F.R. § 60.48b (e) (1)
4.2.4	4.3.5	Compliance demonstration for the carbon monoxide, nitrogen oxide and VOC emissions limitations. [001-01, 001-02]	45CSR§30-5.1.c.
4.2.5	NA	40 C.F.R. 63 Subpart DDDDD requirement.	45CSR34; 40 C.F.R. §63.7535
4.3.1	4.3.1	Demonstrate compliance with 45CSR§2-3 and 45CSR§2-4.[001-01] <i>As a fuel burning unit less than 100 MMbtu/hr, unit 001-02 is exempt from the requirements of 45CSR§§2-8.1.a. & 8.2 per 45CSR§2-8.4.c.</i>	45CSR§2-8.1.a.
4.3.2	4.3.2	Emission limitations testing and frequency specifications. [001-01]	45CSR§30-5.1.c., 45CSR§2-8.1, 45CSR§2A-5.2.a
4.3.3	4.3.7	Director may designate more testing to determine compliance. [001-01, 001-02]	45CSR§2-8.1.b.
4.3.4	4.3.8	Director may conduct testing to evaluate air pollution emissions. [001-01, 001-02]	45CSR§2-8.1.c.
4.3.5	3.3.2	The Director may conduct such other tests as he or she may deem necessary to evaluate air pollution emissions other than those noted in 45CSR§10-3. <i>Group 001 is the only group subject to 45CSR 10 so requirement moves to Section 4.0.</i>	45CSR§10-8.1.b.
4.3.6	4.1.19	Compliance with the particulate matter emission standards under 40 C.F.R. § 60.43b shall be determined through performance testing as described in 40 C.F.R. § 60.46b (d). [001-01] <i>Testing Requirement.</i>	45CSR16, 40 C.F.R. § 60.46b (b)
4.3.7	NA	40 C.F.R. 63 Subpart DDDDD requirement.	45CSR34, 40 C.F.R. §§63.7515(a), (b), & (c)
4.4.1	4.4.1	Maintain on-site all records of monitored data established in the monitoring plan pursuant to 45CSR§2-8.2.a. [001-01, 001-02]	45CSR§2-8.3.a.

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
4.4.2	4.4.2	Maintain records of the operating schedule and the quantity and quality of fuel consumed in each fuel burning unit. [001-01]	45CSR§2-8.3.c.
4.4.3	4.4.3	Record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor.[001-01]	45CSR16, 40 C.F.R. § 60.49b (d)(2)
4.4.4	4.4.4	For facilities subject to the opacity standard under 40 C.F.R. § 60.43b, the owner or operator shall maintain records of opacity. [001-01]	45CSR16, 40 C.F.R. § 60.49b (f)
4.4.5	4.4.6	Record and maintain records of the amounts of each fuel combusted during each month. [001-02]	45CSR16, 40 C.F.R. § 60.48c (g)(2)
4.4.6	4.4.5	All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record. [001-01]	45CSR16, 40 C.F.R. § 60.49b (o)
	4.4.7	All records required under 40 C.F.R. § 60.48c shall be maintained by the owner or operator of the affected facility for a period of two (2) years following the date of such record. [001-02] <i>Combined old 4.4.5 & 4.4.7</i>	45CSR16, 40 C.F.R. § 60.48c (i)
4.4.7	4.4.10	Requirements for specified process-related waste materials via combustion in the Wood Fired Furnace (001-01) shall be determined by recording and maintaining the following information. [001-01]	45CSR§30-5.1.c.
4.4.8-4.4.13	NA	40 C.F.R. 63 Subpart DDDDD requirements.	45CSR34, 40 C.F.R. §§63.7555(a), (b), (c), (d)(1)-(11), (d)(12)(i), (d)(13)
4.5.1	4.5.1	Submit a periodic exception report to the Director [45CSR§2-8.3.b. (001-01)] <i>Unit uses COMS, therefore the applicable requirement should be 45CSR§2A-7.2.b</i>	45CSR§2A-7.2.b.
4.5.2	4.1.8	Report to the Director any malfunction of such unit or its air pollution control equipment. [001-01] <i>Reporting Requirement</i>	45CSR§2-9.3.
4.5.3	4.5.2	Submit excess emission reports for any excess emissions, which occurred during the reporting period. [001-01] <i>Removed NO_x reporting since the facility is not subject to NO_x limits.</i>	45CSR16, 40 C.F.R. § 60.49b (h)(1) and (h)(3)
4.5.4	4.5.3	Reporting periods and submittal deadlines. [001-02]	45CSR16, 40 C.F.R. § 60.48c (j)
4.5.5 – 4.5.12	NA	40 C.F.R. 63 Subpart DDDDD requirements.	45CSR34, 40 C.F.R. §63.7540(b), 40 C.F.R. §§63.7545(a), (d), (e), (f), 40 C.F.R. §§63.7550(a), (b), (c)(1),(c)(3)-(5), Table 9 of 40 C.F.R 63 Subpart DDDDD, 40 C.F.R. §§63.7550(e), (h), (f)

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
5.1.1	3.1.9	20% Opacity Limit. <i>Duplicated when moving the Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-3.1
5.1.2	3.1.10	40% Opacity Limit exception to 20% Opacity Limit. <i>Duplicated when moving the Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-3.2
5.1.3	3.1.12	PM Limits [003-01,004-02,004-03, 005-03, 005-04, 005-05] <i>Split the PM Limits into section 5.0 and 6.0.</i>	45CSR§7-4.1
	3.1.21	Emission Limits for Veneer Dryer. [003-01] <i>Streamlined the R13-1843C PM emission limit with the 45CSR§7-4.1 PM limit.</i>	R13-1843C Condition 4.1.10
5.1.4	3.1.13	Flow Straightening Devices for Stacks. <i>Duplicated when moving the Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-4.12
5.1.5	3.1.16	Malfunction of Equipment causing a 45CSR7 exceedance may be permitted upon application to Director. <i>Duplicated when removing Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-9.1
5.1.6	3.1.17	Maintenance operations exempt from 45CSR7. <i>Duplicated when removing Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-10.3
5.1.7	3.1.24	Permittee shall process only Yellow Poplar.	45CSR13, R13-1843C Condition 4.1.1
5.1.8	3.1.27	Hourly limit on pounds of dry veneer processed in the veneer dryers. [003-01]	45CSR13, R13-1843C Condition 4.1.5.
5.1.9	3.1.28	Average maximum temperature setpoint for each of the two-(2) wood veneer screen dryers. [003-01]	45CSR13, R13-1843C Condition 4.1.6.
5.2.1	3.2.3	Monitor visible emission for Veneer Dryer. [003-01]	45CSR§30-5.1.c.
5.3.1	3.3.3	Compliance with the particulate matter emission limitation established for 003-01 and 005-03, 005-04, 005-05, 004-03, 004-02, and 004-05. <i>Testing on bag houses has been removed since the bag houses have consistently shown compliance in previous testing and continuous compliance is shown by use of bag leak detectors, visual inspections and pressure drop observations.</i>	45CSR§30-5.1.c.
5.4.1	3.3.4	Demonstrating compliance with the volatile organic compound emission limitations established for the Veneer Dryer. [003-01]	45CSR§30-5.1.c.
6.1.1	3.1.9	20% Opacity Limit. <i>Duplicated when removing Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-3.1
6.1.2	3.1.10	40% Opacity Limit exception to 20% Opacity Limit. <i>Duplicated when removing Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-3.2
6.1.3	3.1.11	No Visible Emissions [004-05, 004-07, & 004-08]	45CSR7

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
6.1.4	3.1.12	PM Limits [003-01,004-02,004-03, 005-03, 005-04, 005-05] <i>Split the PM Limits into Section 5.0 and 6.0</i>	45CSR§7-4.1
	3.1.22	PM emission limits from Fabric Filter system [004-02, 004-03, 004-05, 005-03, 005-04, 005-05] <i>Streamlined with 45CSR§7-4.1.</i>	45CSR13, R13-1843C Condition 4.1.11
	3.1.34	Emission limits for emission points E07, E08, and E09. [005-07, 005-08, 005-09] <i>Streamlined with 45CSR§7-4.1.</i>	45CSR13, R13-1843C Condition 4.1.13
6.1.5	3.1.13	Flow Straightening Devices for Stacks. <i>Duplicated when removing Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-4.12
6.1.6	3.1.16	Malfunction of Equipment causing a 45CSR7 exceedance may be permitted upon application to Director. <i>Duplicated when removing Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-9.1
6.1.7	3.1.17	Maintenance operations exempt from 45CSR7. <i>Duplicated when removing Source specific requirement from the 3.0 Facility-wide Requirements</i>	45CSR§7-10.3
6.1.8	3.1.19	<i>BAT for Tanks</i>	45CSR§27-5.1
6.1.9	3.1.23	Formaldehyde hourly limits for the Microllam™ LVL and Parallam® PSL presses. [004-01, 005-01]	45CSR13, R13-1843C Condition 4.1.3.
6.1.10	3.1.25	Annual limit for phenol-formaldehyde resin charged to the Microllam™ LVL presses. [004-01]	45CSR13, R13-1843C Condition 4.1.2.
6.1.11	3.1.26	Annual limit for phenol-formaldehyde resin charged to the Parallam® PSL press. [005-01]	45CSR13, R13-1843C Condition 4.1.4.
6.1.12	3.1.30	VOC Limit per Gallon sealant for Microllam Spray Booth. [004-06].	45CSR§30-12.7
6.1.13	3.1.31	Annual sealant limit in gallons for Microllam Spray Booth. [004-06]	45CSR§30-12.7
6.1.14	3.3.3	Compliance with the particulate matter emission limitation established for 003-01 and 005-03, 005-04, 005-05, 004-03, 004-02, and 004-05. <i>Split the old condition to account for new permit format.</i>	45CSR§30-5.1.c.
6.2.1	3.2.2	Operation and monitoring of Control Devices.[004-02, 004-03, 004-05, 005-03, 005-04, 005-05]	45CSR§30-5.1.c.
6.2.2	3.2.4	Monitoring to ensure compliance with the VOC emission limits for the Microllam Spray Booth. [004-06] <i>The limits are in conditions 6.1.12 & 6.1.13; language was changed to clarify this fact. Also removed the reference to 2 lb/hr and 5TPY since if complying with the 0.03 Lb/gal VOC and 120,000 gal/year requirements the hourly limit and yearly limit would be 0.41lb/hr and 1.8 TPY.</i>	45CSR§30-12.7

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6.2.3	3.3.5	In order to assure compliance with the requirements of 3.1.22, the permittee shall conduct visible emission checks and/or opacity monitoring and recordkeeping on emission units: [004-02, 004-03, 004-05, 005-03, 005-04, and 005-05] <i>Added emission units 004-07 and 004-08 to the list of units subject to this visual emissions check and added the 45CSR§30-5.1.c citation since they are not listed in the R13 condition.</i>	45CSR§30-5.1.c, 45CSR13, R13-1843C Condition 4.2.1.
6.4.1	3.4.6	Recordkeeping to demonstrate compliance with old Conditions 3.1.25, 3.1.26, and 3.1.27. [003-01, 004-04, 005-01]. <i>Split this condition when moving Emission units into Source specific sections.</i>	45CSR§30-5.1.c.
6.5.1	3.5.10	Report formaldehyde emission to the air resulting from an abnormal release or spill in excess of fifty (50) pounds. [005-06]	45CSR§27-10.4
7.1.1	3.1.33	Work practice standards associated with hardwood veneer dryers and Group 1 miscellaneous coating operations.	45CSR34, 40 C.F.R. § 63.2241 and 40 C.F.R. Part 63 Subpart DDDD, Table 3
7.1.2.	NA	40 C.F.R. 63 Subpart DDDD requirement.	45CSR34, 40 C.F.R. § 63.2250(a)
7.4.1 – 7.4.3	NA	40 C.F.R. 63 Subpart DDDD Recordkeeping requirements.	45CSR34, 40 C.F.R. §63.2271(a), 40 C.F.R. § 63.2282 (a), (b), 40 C.F.R. §63.2283, 40 C.F.R. 63 Table 8
7.5.1	NA	Report each instance in which you did not meet each compliance option.	45CSR34, 40 C.F.R. §63.2271(b)
7.5.2	3.5.12	Reporting requirements of 40CFR§63.2280 through 40CFR§63.2283.	45CSR34, 40CFR§§63.2280 - 63.2283, 45CSR13, R13-1843C Condition 4.4.1.
7.5.3	NA	Submit reports in Table 9 to 40 C.F.R. Part 63 Subpart DDDD.	45CSR34, 40 C.F.R. § 63.2281 (a) and 40 C.F.R. 63 Subpart DDDD Table 9
7.5.4	3.4.8	Submit each report by the date in Table 9 to 40 C.F.R. Part 63 Subpart DDDD.	45CSR34, 40 C.F.R. § 63.2281 (b)
7.5.5	3.4.9	Compliance report must contain the information in 40 C.F.R. §§ 63.2281 (c) (1) - (4) and (7). [003-01]. <i>40 C.F.R. §§ 63.2281(c)(4) was not included in the old condition so it was added.</i>	45CSR34, 40 C.F.R. § 63.2281 (c) (1) – (4) and (7)
7.5.6.	NA	Report each deviation from a compliance option or operating requirement and for each deviation from the work practice	45CSR34, 40 C.F.R. § 63.2281(d)
Removed	3.1.18	Facility shall be Constructed & Operated as Specified in R13-1843. <i>Unnecessary.</i>	R13-1843C condition 2.5.1
Removed	3.1.20	BAT Requirement satisfied using Low Formaldehyde resins – [004-01 &005-01] <i>The BAT spill reporting requirement already states this therefore the condition is redundant.</i>	45CSR§30-12.7.

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
Removed	3.2.1	Method 22 Visible Emissions observations. <i>Since R13- 1843C condition 4.2.1 requires visible emission observations for all equipment in process groups 004 and 005 except equipment 004-07 and 004-08, they were added to condition 6.2.3 and old Title V condition 3.2.1 was removed.</i>	[45CSR§30-5.1.c.]
Removed	3.4.4	40 CFR 60 Subpart Kb record keeping for tanks. [005-06] <i>Applicability is 75m³ (19,813 gal) so this is not applicable.</i>	45CSR16, 40 C.F.R. § 60.116b (a)
Removed	3.4.5	40 CFR 60 Subpart Kb record keeping for tanks. [005-06] <i>Applicability is 75m³ (19,813 gal) so this is not applicable.</i>	45CSR16, 40 C.F.R. § 60.116b (b)
Removed	3.4.7	Record usage of sealant in old conditions 3.1.30 and 3.1.31, in addition to maximum VOC-content of sealant used on a monthly basis. [004-06] <i>New Condition 6.2.2 already requires monitoring and recording of this data, so this condition was removed.</i>	45CSR§30-5.1.c.
Removed	4.1.1	Facility shall submit complete Part 2 112(j) “equivalent emission limitation by permit” application for case-by-case MACT determination. <i>Boiler MACT has been promulgated.</i>	45CSR34, 40 C.F.R. § 63.52
Removed	4.1.11	Sulfur dioxide concentration limit. [001-01] <i>Removed since 001-01 is a fuel burning unit, and not a manufacturing source.</i>	45CSR§§10-4.1. and 4.1.e.
Removed	4.1.12	SO ₂ concentration limitations shall be based on a block three-(3) hour averaging time. [001-01] <i>Removed since 001-01 is a fuel burning unit not a manufacturing source.</i>	45CSR§10-4.2
Removed	4.1.17	For purposes of 40 C.F.R. §60.44b (i) nitrogen oxide standards under this section apply at all times. [001-01] <i>This condition is for units that burn coal, oil, and natural gas. (001-01) is fueled by wood and therefore is not subject to this regulation.</i>	45CSR16, 40 C.F.R. § 60.44b (h)
Removed	4.1.18	Except as provided under 40 C.F.R. § 60.44b (j), compliance with the emission limits under this section is determined on a 30-day rolling average basis.[001-01] <i>This section does not apply to wood fired boilers.</i>	45CSR16, 40 C.F.R. § 60.44b (i)
Removed	4.2.5	Permittee shall monitor visible emissions from 001-01 with the following procedures, test methods and frequencies: [001-01] <i>Facility utilizes COMS therefore VE tests are unnecessary.</i>	45CSR § 30-5.1.c.
Removed	4.3.4	Compliance demonstration for SO ₂ emission limits. [001-01, 001-02] <i>This condition required fuel quality reports to be submitted. Fuel quality reports are already required in condition 4.4.2 (45CSR§2-8.3.c)</i>	45CSR§30-5.1.c.

2016 Title V	2011 Title V	Summary of Condition <i>and Changes</i>	Regulation
Removed	4.3.6	WoodFurn demonstrates compliance with PM limits by Monitoring ESP. <i>The Boiler MACT specifies monitoring to demonstrate compliance with PM limits.</i>	45CSR§30-5.1.c.
Removed	4.4.8	Compliance with the requirements to submit data on operating schedules and the quality of fuel used in the Wood Fired Furnace and Standby Furnace from 45CSR2 and 45CSR10 shall be demonstrated as described below: [001-01, 001-02] <i>This condition is unneeded since 45CSR§§2-8.3.a. & 8.3.c. (conditions 4.4.1. & 4.4.2) contain the monitoring plan and recordkeeping requirements.</i>	45CSR § 30-5.1.c.
Removed	4.4.9	Continual compliance with the PM emission limitations for the Standby Furnace shall be demonstrated by maintaining records of fuel usage. [001-02] <i>Conditions 4.4.1, 4.4.2. and 4.4.5 contain requirements for maintaining fuel usage for the Standby furnace that can be used to demonstrate compliance with the fuel usage requirement in condition 4.1.11 .</i>	45CSR § 30-5.1.c

Stack Test Table

Tested Unit (Pollutant Test)	Test Years and Results Range	Testing Frequency at time of Renewal
WoodFurn (NO _x)	2005(50% - 90%), 2008(50% - 90%), 2011(50% - 90%), 2014(50% - 90%)	Once/3 years
WoodFurn (PM, CO, VOC)	2005(≤50%), 2010(≤50%), 2015(≤50%)	Once/ 5 years.
StandByFurn1 (NO _x , VOC)	2005(≤50%), 2010(≤50%), 2015(≤50%)	Once/ 5 years.
VennerDryr (PM)	2005 (≤50%), 2010(≤50%), 2015(≤50%)	Once/ 5 years.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

45CSR17	Weyerhaeuser Buckhannon Facility is subject to 45CSR7 which exempts it from 45CSR17, To Prevent and Control Particulate Matter Air Pollution from Materials Handling, Preparation, Storage and Other Sources of Fugitive Particulate Matter, as stated in 45CSR§7-10.2.
45CSR21	Regulation to Prevent and Control Air Pollution from the Emission of Volatile Organic Compounds. Weyerhaeuser Buckhannon Facility is not located Cabell, Kanawha, Putnam, Wayne, or Wood counties.
45CSR33	Acid Rain Provisions and Permits do not apply to Weyerhaeuser Buckhannon Facility because it is not considered a Title IV (Acid Rain) Source.
40 C.F.R. Part 60 Subpart EE	Standards of Performance for Surface Coating of Metal Furniture. Weyerhaeuser Buckhannon Facility is not engaged in any form of metal furniture surface coating.

40 C.F.R. Part 60 Subpart MM	Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations. Weyerhaeuser Buckhannon Facility is not engaged in the coating of automobiles or light-duty trucks.
40 C.F.R. Part 60 Subpart RR	Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations. Weyerhaeuser Buckhannon Facility does not operate a coating line used in the manufacture of pressure sensitive tape and label materials.
40 C.F.R. Part 60 Subpart SS	Standards of Performance for Industrial Surface Coating: Large Appliances. Weyerhaeuser Buckhannon Facility is not engaged in the coating of large appliances.
40 C.F.R. Part 60 Subpart TT	Standards of Performance for Metal Coil Surface Coating. Weyerhaeuser Buckhannon Facility is not engaged in metal coil surface coating.
40 C.F.R. Part 60 Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry. Buckhannon Facility is not engaged in beverage can surface coating.
40 C.F.R. Part 60 Subpart SSS	Standards of Performance for Magnetic Tape Coating Facilities. Buckhannon Facility is not engaged in coating continuous base film to produce magnetic tape.
40 C.F.R. Part 60 Subpart TTT	Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines. Weyerhaeuser Buckhannon Facility does not operate spray booths in which plastic parts for use in the manufacture of business machines receive prime coats, color coats, texture coats, or touch-up coats.
40 C.F.R. Part 63 Subpart H	National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks. Buckhannon Facility does not have a piece of equipment that either contains or contacts a fluid (liquid or gas) that is at least 5 percent by weight of total organic HAP's.
40 C.F.R. Part 63 Subpart JJ	National Emission Standards for Wood Furniture Manufacturing Operations. Weyerhaeuser Buckhannon Facility is not engaged in the manufacture of wood furniture or wood furniture components.
40 C.F.R. Part 63 Subpart KKKK	National Emission Standards for Surface Coating of Metal Cans. Weyerhaeuser Buckhannon Facility is not engaged in the manufacture of metal cans.
40 C.F.R. Part 63 Subpart MMMM	National Emission Standards for Surface Coating of Miscellaneous Metal Parts. Weyerhaeuser Buckhannon Facility is not engaged in the manufacture of miscellaneous metal parts.
40 C.F.R. Part 63 Subpart QQQQ	National Emission Standards for Surface Coating of Wood Building Products. Weyerhaeuser Buckhannon Facility is not engaged in the manufacture of wood building products.
40 C.F.R. Part 63 Subpart SSSS	National Emission Standards for Metal Coil (Surface Coating). Weyerhaeuser Buckhannon Facility is not engaged in the manufacture of metal coil products.
40 C.F.R. Part 64	CAM applies to any pollutant specific emissions units (PSEU) that satisfy all of the applicability criteria requirements of 40 C.F.R. § 64.2 (a), i.e., that: (1) have pre-control device regulated pollutant potential emissions (PTE) equal to or greater than the “major” threshold limits to be classified as a major source; (2) are subject to an emission limitation or standard and; (3) have a control device to achieve compliance with such emission limitation or standard. Since this facility does not have a PSEU that satisfies the requirements, it is not subject to the CAM rule.
40 C.F.R. Part 72	Acid Rain Program General Provisions does not apply to Weyerhaeuser because it is not considered a Title IV (Acid Rain) Source.

Request for Variances or Alternatives

None.

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: Friday, July 22, 2016
Ending Date: Monday, August 22, 2016

Point of Contact

All written comments should be addressed to the following individual and office:

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Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Response to Comments (Statement of Basis)

Not applicable.