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P. O. BOX 1361, SOMERSET, KY 42502, PHONE (606) 678-2842, FAX (606) 678-0283

August 8, 2019

Mr. Zachary Bittner Air Permit Administration Kentucky Division for Air Quality 300 Sower Blvd, Second Floor Frankfort, KY 40601

Dear Mr. Bittner:

The Eagle Hardwood, Inc. facility in Somerset, KY operates under a conditional major operating permit number F-14-049 that expires March 3, 2020.

The letter and the attached documentation for the facility's air permit renewal have been prepared to comply with the permit requirement to submit a renewal application 180 days prior to the expiration of the current permit.

Since the completion of the last permit update the facility has added 4 automatic chop saws on the rough end. Two of these saws replaced emission points EP3-9, while the other two saws replaced emission points EP21-25. The total throughput and emissions however remained unchanged as the mechanical changes were made primarily for increased efficiency, automation, and safety.

Upon your review of the application, please call if you need additional information or clarification.

Sincerely,

Steve Merrick President

CC: Rick Pharris, Eagle

Cameron Merrick, Eagle

Enclosures: DEP 7007 AI

DEP 7007 B DEP 7007 DD DEP 7007 N

	Primary NAICS #: 321	Wood Product Manufacturing	Primary (NAICS) Category: Wo	Primar
33 (decimal degrees)	Latitude: 37.1333	(decimal degrees)	nde: 84.6297	Longitude:
	Standard Coordinates for Source Physical Location	Standard Co		
Zip Code: 42502	State: KY	Somerset		Mailir
		PO Box 1355	Street or P.O. Box:	;
Zip Code: 42503	County: Pulaski	70 West Racetrack Road Somerset	Physical Location Street: 70 V Address: City: Son	Physic A
		ממ	Section AI.1: Source Information	Section
		8/1/2019	8/1/	Date:
		6	Agency Interest (AI) ID: 3806	Agency
		F-14-049		Permit #:
		-00079	KY EIS (AFS) #: 21- 199-00079	KY EIS
		Eagle Hardwood, Inc.		Source Name:
		1		
)ns	Section AI.7: Notes, Comments, and Explanations	Sec		
	Section AI.6: Signature Block	Sec		
	Section AI.5: Other Required Information	Sec		
	Section Al.4: Type of Application	Sec		
	Section Al.3: Owner Information	Sec	(502) 564-3999	
	Section Al.2: Applicant Information	Sec	Frankfort, KY 40601	
Additional Documentation attached	Section Al.1: Source Information	Sec	300 Sower Boulevard	
	Administrative Information	Admi	Division for Air Quality	
Additional Documentation	DEP7007AI			

Treatment/Storage/Disposal Facility	☐ Treatment/S			[	Type of Regulated Waste Activity:
Other:	Recycler	□ Generator	e Generator	☐ Mixed Waste Generator	
		√ N/A	old   Need	Currently Hold	UST:
		☑ N/A	old Need	Currently Hold	RCRA:
		V/A	ild Need	Currently Hold	Solid Waste:
		□ N/A	ld \ \ \ \ \ \ \ \ Need	✓ Currently Hold	NPDES/KPDES:
What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?	oes this source cu	its or registrations d	r environmental perm	What oth	
Is this source portable? Yes No	30 Acres	Property Area:	le	e 1/2 Mile	Approximate distance to nearest residence or commercial property:
Is any part of the source Yes Number of located on federal land? Is No		☐ Residential Area☐ Commercial Area	☐ Industrial Park☐ Industrial Area	✓ Rural Area	Description of Area Surrounding Source:
		hed hardwood flooring	Manufacturing of pre-finished hardwood flooring	e of business	Briefly discuss the type of business conducted at this site:
Primary SIC #: 2426	Pri	nd Flooring Mills	Hardwood Dimension and Flooring Mills	ategory:	Classification (SIC) Category:

DEP7007AI

Section AI.2: App	Section AI.2: Applicant Information				
Applicant Name:	Eagle Hardwood Inc.				
Title: (if individual)					
Mailing Address:	Street or P.O. Box: 70 City: Screen	70 West Racetrack Road Somerset State:	e: KY	Zip Code:	42503
Email: (if individual)					
Phone:	606-678-2842				
Technical Contact					
Name:	Cameron Merrick				
Title:	Engineer				
Mailing Address:	Street or P.O. Box:		PO Box 1355		
Manng Audi 635	City: Somerset	State:	re: KY	Zip Code:	42502
Email:	cmerrick@somersetwood.com				
Phone:	606-678-2842				
Air Permit Contact for Source	Source				
Name:	Rick Pharris				
Title:	Assistant Controller				
Wailing Address:	Street or P.O. Box: Po	PO Box 1355			
d v	City: So	Somerset State:	le: KY	Zip Code:	42502
Email:	rpharris@somersetwood.com				
Phone:	606-678-2842				

Section AI.3: Ow	Section AI.3: Owner Information						
□Owner same as applicant	as applicant						
Name:	Steve Merrick						ļ
Title:	President/CEO						
Molling Address.	Street oP.O. Box:	PO Box 1355					
Manning Audi ess.	City:	Somerset	State:	KY	Zip Code:	42502	
Email:	stevemerrick@somersetwood.com	vood.com					
Phone:	606-678-2842						
List names of owners a	List names of owners and officers of the company who have an interest in the company of 5% or more.	ho have an interest in the	company of 5% (	or more.			
	Name			Pos	Position		
	George Crawford				VP Lumber		
	Deborah Eades				Minority Owner		j.
	Nancy Merrick		2 6		Minority Owner		

11/2018					DEI /00	
Section AI.4: Type of	of Application					
tatus:	] Title V	✓ Conditional Major	State-Origin	General Permit	☐ Registration ☐ None	
Requested Action: (check all that apply)	□ Name Change □ Renewal Permit □ 502(b)(10)Change □ Revision	☐ Initial Registration ☐ Revised Registration ☐ Extension Request ☐ Off Permit Change	tration	Significant Revision  Minor Revision  Addition of New Facility  Landfill Alternate Compliance Submittal	<ul> <li>☐ Administrative Permit Amendment</li> <li>☐ Initial Source-wide OperatingPermit</li> <li>☐ Portable Plant Relocation Notice</li> <li>☐ Modification of Existing Facilities</li> </ul>	
Requested Status:	☐ Ownership Change	Change Closure Conditional Major	State-Origin	ı □ PSD □ NSR	Other:	
Is the source requesting a limitation of potential emissions?	g a limitation of potenti	al emissions?		✓ Yes ☐ No		
Pollutant:		Requested Limit:	nit:	Pollutant:	Requested Limit:	
Particulate Matter		90 Tons		✓ Single HAP	10 Tons	
✓ Volatile Organic (	Volatile Organic Compounds (VOC)	90 Tons		Combined HAPs	25 Tons	
Carbon Monoxide	•	90 Tons		☐ Air Toxics (40 CFR 68, Subpart F)	Subpart F)	
✓ Nitrogen Oxides		90 Tons		Carbon Dioxide		
Sulfur Dioxide		90 Tons		Greenhouse Gases (GHG)	j)	
Lead				Other		
For New Construction:	ion:					
Proposed Star	Proposed Start Date of Construction: (MM/YYYY)		N/A	Proposed Operation Start-Up Date: (MM/YYYY)	(MM/YYYY) N/A	
For Modifications:						
Proposed Star	Proposed Start Date of Modification: (MM/YYYY)		N/A	Proposed Operation Start-Up Date: (MM/YYYY)	(MM/YYYY) N/A	
Applicant is seekin	Applicant is seeking coverage under a permit shield.	shield.	Yes	✓ No Identify any non-applic	Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.	S
# P						

Section AI.5 Other Required Information	
Indicate the documents attached as part of	attached as part of this application:
DEP7007A Indirect Heat Exchangers and Turbines	DEP7007CC Compliance Certification
DEP7007B Manufacturing or Processing Operations	✓ DEP7007DD Insignificant Activities
DEP7007C Incinerators and Waste Burners	☐ DEP7007EE Internal Combustion Engines
DEP7007F Episode Standby Plan	☐ DEP7007FF Secondary Aluminum Processing
DEP7007J Volatile Liquid Storage	DEP7007GG Control Equipment
DEP7007K Surface Coating or Printing Operations	☐ DEP7007HH Haul Roads
DEP7007L Mineral Processes	☐ Confidentiality Claim
DEP7007M Metal Cleaning Degreasers	Ownership Change Form
DEP7007N Source Emissions Profile	Secretary of State Certificate
DEP7007P Perchloroethylene Dry Cleaning Systems	☐ Flowcharts or diagrams depicting process
DEP7007R Emission Offset Credit	☐ Digital Line Graphs (DLG) files of buldings, roads, etc.
DEP7007S Service Stations	☐ Site Map
DEP7007T Metal Plating and Surface Treatment Operations	☐ Map or drawing depicting location of facility
DEP7007V Applicable Requirements and Compliance Activities	Safety Data Sheet (SDS)
DEP7007Y Good Engineering Practice and Stack Height Determination	☐ Emergency Response Plan
☐ DEP7007AA Compliance Schedule for Non-complying Emission Units ☐ DEP7007BB Certified Progress Report	Other:
Section AI.6: Signature Block	
I, the undersigned, hereby certify under penalty of law, that I am a responsible official*, and the information submitted in this document and all its attachments. Based on my inquiry of obtaining the information, I certify that the information is on knowledge and belief, true, acc significant penalties for submitting false or incomplete information, including the possibility	I, the undersigned, hereby certify under penalty of law, that I am a responsible official*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.
Authorized Signature	8/9/19 Date
Steve Merrick  Type or Printed Name of Signatory	President  Title of Signatory
*Responsible official as defined by 401 KAR 52:001.	

DEP7007AI

			×							Section Al.7: Notes, Comments, and Explanations
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	Division for Air Onality	- Omality			<b>DEP7007B</b>	7B		Additional	Additional Documentation	
	TV TOT HOTEL			Manu	Manufacturing or Processing	r Processi	ng	Complete DEP7007AI, DEP7007N,	07AI, DEP70071	Y,
	300 Sower Boulevard	ulevard			Operations	ons	1	DEP7007V, and DEP7007GG.	007GG.	
	Frankfort, KY 40601	40601	12	Section B.	Section B.1: Process Information	rmation		Attach a flow diagram	gram	
	(502) 564-3999	3999	T.	Section B.	Section B.2: Materials and Fuel Information	nd Fuel Inforn	mation	Attach SDS		
				Section B.	Section B.3: Notes, Comments, and Explanations	ments, and E	xplanations			
Source Name:	e:	ř	Eagle Hardwood, Inc.	wood, Inc.						
KY EIS (AFS) #:	S) #:	21-	21- 199-00079							
Permit #:		ř	F-14-049							
Agency Inte	Agency Interest (AI) ID:		3806							
Date:		ā.	8/1/2019							
Section B	1: Process	Section B.1: Process Information								
Emission Unit #	Emission Unit Name	Describe Emission Unit	Process ID	Process Name	Manufacturer	Model No.	Proposed/Actual Date of Construction Commencement (MM/YYYY)	Is the Process  Continuous or Batch?	Number of Batches per 24 Hours (if applicable)	Hours per Batch (if applicable)
01A, EP3-9	Rough Knot- Saws	Cut out rough defects on mill side	<del>01</del> A	Mill Line B	Rough Knot	N/A	01/1995	Continuous	N/A	N/A
	System TM Saws	Cut out rough defects on mill side	01A	Mill Line B	System TM	N/A	09/2015	Continuous	N/A	N/A
01B, EP21-25	Rough Knot Saws	Cut out rough defects on mill side	810	Mill Line C	Rough Knot	N/A	04/1999	Continuous	N/A	   <del>       </del>
	System TM Saws	Cut out rough defects on mill side	01B	Mill Line C	System TM	N/A	06/2016	Continuous	N/A	N/A

Section B	.2: Materi	Section B.2: Materials and Fuel Information	Inform	ation				the autow	- Ala limit	ations					
*Maximum)	early fuel use	*Maximum yearly fuel usage rate only applies if applicant request operating restrictions through federally enforceable umuauons.	olies if app	dicant re	quest operating	restrictions t	hrough fea	erally enjorc	eable umuu	mons.					
Emission	Emission	Name of Raw	Maximum Quantity of Each Raw Material	of Each terial	Total Process Weight Rate for	Name of Finished	Maximum Each Finisl Ou	Maximum Quantity of Each Finished Material Output	Fuel Type	Maximum Hourly Fuel Usage Rate	Hourly ge Rate	Maximum Yearly Fuel Usage Rate	Yearly e Rate	<u> </u>	Ash Content
Unit #	Unit Name	Materials Input	(St	(Specify Units/hr)	Emission Unit	Materials		(Specify Units/hr)			(Specify Units)		(Specify Units)	(70)	(20)
01A, EP3-9	Mill Line B, Rough Knot Saws	<del>Lumber Strips</del>	<del>5000</del>	Board- Feet/hr	9.375	Defected- Lumber Strips	4500	Board Foot/hr	N/A	<del>2</del>	N/A	N/A	**	N. A.	NA
	Mill Line B, System TM Saws	Lumber Strips	5000	Board Feet/hr	9.375	Defected Lumber Strips	4500	Board Feet/hr	N/A	N/A	N/A	N/A	N/A	N/A	N/A
01B, Ep21-25	Mill Line C, Rough Knot Saws	Lumber Strips	<del>5000</del>	Board Feet/hr	9.375	Defected Lumber Strips	4500	Board Feet/hr	N/A	N/A	NA A	**	NIA	N/A	**
	Mill Line C, System TM Saws	Lumber Strips	5000	Board Feet/hr	9.375	Defected Lumber Strips	4500	Board Feet/hr	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Γ							Sec	11/2018
							Section B.3: Notes, Comments, and Explanations	018
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							Com	
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							anati	
							ons	
			ļ					
								DEP?
L								DEP7007B

Division for Air Quality  300 Sower Boulevard Frankfort, KY 40601 Section DD.1: Table of Insignificant Activ Eagle Hardwood, Inc.  KY EIS (AFS) #: Permit #: Agency Interest (AI) ID: Date:  *Identify each activity with a unique Insignificant Activity number of Other Unique Applicable Regulation including Rated Activity #    Division for Air Quality Insignificant Activities   Identifier	or O	Insignificant Activities Section DD.1: Table of Insignificant Activities Section DD.2: Signature Block Section DD.3: Notes, Comments, and Explanations c.  (IA #); for example: 1, 2, 3 etc.  Applicable Regulation(s)  r	planations  Calculated Emissions
Agency Interest (AI) ID:  Date:	3806 8/1/2019		
Section DD.1: Table of Insignificant Activities	ant Activities		
Insignificant Activity # Description of Activity Capacity	Serial Number or Other Unique Identifier	Applicable Regulation(s)	Calculated Emissions

1/2018 Section DD.2: Signature Block EXAMINED, AND AM FAMILIAR WITH, THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ITS ATTACHMENTS. BASED ON MY INQUIRY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE Insignificant Activity # I, THE UNDERSIGNED, HEREBY CERTIFY UNDER PENALTY OF LAW, THAT I AM A RESPONSIBLE OFFICIAL, AND THAT I HAVE PERSONALLY OF THOSE INDIVIDUALS WITH PRIMARY RESPONSIBILITY FOR OBTAINING THE INFORMATION, I CERTIFY THAT THE INFORMATION IS ON Description of Activity By: including Rated Capacity OR INCOMPLETE INFORMATION, INCLUDING THE POSSIBILITY OF FINE OR IMPRISONMENT. Serial Number or Other Unique Type/Print Name of Siguatory **Authorized Signature** Steve Merrick Identifier Applicable Regulation(s) Calculated Emissions Title of Siguatory President Date DEP7007DD

									Please Note: No new insignificant activities have been added to the facility between the time of the approval of application # F-14-049 and this application for permit renewal.	DD 3: Notes Comments and Explanations
--	--	--	--	--	--	--	--	--	--	---------------------------------------

	Divi	Division for Air Quality	· Air Ou	ality				_	DEP7007N	Z		1				
	!	,						Source	Source Emissions Profile	ns Profile		_	A	dditional Do	Additional Documentation	
	<sub>ω</sub>	300 Sower Boulevard	Bouleva	rd				Section	Section N.1: Emission Summary	on Summary						o.
	F	Frankfort, KY 40601	KY 4060	)1			N.	Section	Section N.2: Stack Information	nformation			Complet	Complete DEP7007AI	/AI	
		(502) 5	(502) 564-3999					_ Section	N.3: Fugitiv	Section N.3: Fugitive Information		_				
								Section	N.4: Notes,	Section N.4: Notes, Comments, and Explanations	d Explana	tions				
Source Name:	me:				Eagle Hardwood, Inc.	rdwood,	Inc.									
KY EIS (AFS) #:	\FS) #:			21-	21- 199-00079	9					(C					
Permit #:					F-14-049											
Agency In	Agency Interest (AI) ID:	Ë		Can i	3806											
Date:				F	8/1/2019											
N.1: En	N.1: Emission Summary	mmary	7													
Emission Unit#	Emission Unit Name	Process ID	Process Name	Control Control Device Device Name ID		Stack ID	Maximum Design Capacity (SCC Units/hour)	Pollutant	Uncontrolled Emission Factor (lb/SCC Units)	Emission Factor Source (e.g. AP-42, Stack Test, Mass Balance)	Capture Efficiency	Control Efficiency	Hourly Emissions Uncontrolled Contro Potential Potent (lb/hr) (lb/hr)	illed	Annual Emissions Uncontrolled Contro Potential Poten flons/yr) (tons/)	Controlled Potential (tons/yr)

Section N.2:	Section N.2: Stack Information								
in the second se	<u>a</u>	Sta	Stack Physical Data	īta —	Stack UTM Coordinates	Coordinates	Sta	Stack Gas Stream Data	ita
Stack ID	Control Devices that Feed to Stack	Equivalent Diameter	Height	Base Elevation	Northing (m)	Easting (m)	Flowrate (acfm)	Temperature $({}^{\circ}F)$	Exit Velocity  (ft/sec)
				17 - 7 - 7					

Section N.3: Fu UTM Zone:	Section N.3: Fugitive Information UTM Zone:	n						
	Ξ.		Area Physical Data	al Data	Area UTM Coordinates	oordinates	Area Release Data	ise Data
Emission Unit#	Emission Unit Name	Process ID	Length of the X Side Side	Length of the Y Side	Northing (m)	Easting (m)	Release Temperature (°F)	Release Height
								1
	4							

Section N.4: Notes, Comments, and Explanations
Please Note: There have been no changes to the emission units at the facility since the last permit renewal. All emission numbers and
data on file are up to date.

## Eagle Hardwoods

P.O. Box 1361 • Somerset, KY 42502 606-678-2842 Fax 606-678-0283



May 10, 2024

Mr. Zachary Bittner
Air Permit Administration
Kentucky Division for Air Quality
300 Sower Blvd, Second Floor
Frankfort, KY 40601

Subject:

Eagle Hardwood, Inc

John Lakela

Source ID: 21-199-00079, Permit No. F-14-049

**Construction Permit Application** 

Mr. Bittner:

Attached is a Construction Permit Application for Eagle Hardwood, Inc. located at 70 West Racetrack Road, Somerset, KY. This application covers the addition of a Prewash Line and an Engineered Line at the facility. The attached application includes the appropriate forms, calculations, and diagrams.

If after a review of the attached application, there are any questions or concerns, please reach out to me at <a href="mailto:Zac.Laprade@somersetfloors.com">Zac.Laprade@somersetfloors.com</a> or (606) 678-6658 ext 228, or my consultant, Spencer Hissam at <a href="mailto:Spencer@StevensEHS.com">Spencer@StevensEHS.com</a> or (615) 772-3865.

Sincerely,

Zac LaPrade

**Assistant Controller** 

Attachment

# **Permit Application Forms**

Division	Division for Air Ouality		DEP7007AI	007AI	7	Additional Documentation
			Administrative Information	e Information		
300 So	300 Sower Boulevard		Section AI.1: S	Section AI.1: Source Information	Additio	Additional Documentation attached
Frankfi (502)	Frankfort, KY 40601 (502) 564-3999		Section AI.2: A	Section AI.2: Applicant Information		
			Section Al.3: C	Section Al.4: Type of Application		
			Section AI.5: Other Required I Section AI.6: Signature Block	Section AI.5: Other Required Information Section AI.6: Signature Block	uo	
			Section AI.7: N	Section AI.7: Notes, Comments, and Explanations	planations	
Source Name:	<b>E</b>	Eagle Hardwood, In	nc.			
KY EIS (AFS) #:	21-12	21- 199-00079				
Permit #:	Ξ.	F-14-049				
Agency Interest (AI) ID:		3806				
Date:	5	5/13/2024				
Section AI.1: Source Information	ource Informat	tion				
Physical Location	Street: 7	70 West Racetrack Road	Road			
Address:		Somerset	County: Pulaski	Pulaski	Zip Code:	42502
Mailing Address:	Street or 7/	70 West Racetrack Road	load			
	City: S	Somerset	State:	KY	Zip Code:	42502
			Standard Coordinate	Standard Coordinates for Source Physical Location	ocation	
Longitude:	-84.629601	(decin	(decimal degrees)	Latitude:	37.133056	(decimal degrees)
Primary (NAICS) Category:	-1	Other Millwork (including Flooring)	luding	Primary NAICS#:	321918	

Jassification (SIC) Category:		Hardwood Dimension and Flooring Mills	nd Flooring Mills	Primary SIC#:	2426		
Sriefly discuss the type of business onducted at this site:		Manufacturing of pre-finished hardwood flooring.	hed hardwood flooring.				
Description of Area Surrounding	☑Rural Area ☐Urban Area	ndustrial Park Industrial Area	☐Residential Area ☐Commercial Area	Is any part of the source located on federal land?	∏Yes ∑No	Number of Employees:	
Approximate distance o nearest residence or ommercial property:	0.5 miles	\$2	Property Area: 30	30 Acres	Is this source portable?	□Yes No	
	What o	other environmental pe	rmits or registrations	What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?	ld or need to obtain in k	Kentucky?	
NPDES/KPDES:	☑Currently Hold	d Need	N/A				
Solid Waste:	Currently Hold	peed Deed	Z]N/A				
RCRA:	□Currently Held	d Need	N/A				
UST:	□Currently Hold	peed Deed	A/N/S				
Type of Regulated	☐Mixed Waste Generator	Generator	√ Generator	Recycler	Other:		
Waste Activity:	U.S. Importer	U.S. Importer of Hazardous Waste	Transporter	Treatment/Storage/Disposal Facility	'acility [N/A		

Section AI.2: Ap	Section AI.2: Applicant Information					
Applicant Name:	Eagle Hardwood, Inc.					
Title: (if individual)						
Mailing Address:	Street or P.O. Box:	70 West Racetrack Road	24.4	,	į	
Email: (if individual)		Somerset	State:	KY	Zip Code:	42502
Phone:	(606) 678-2842					
Technical Contact						
Name:	Zac LaPrade					
Title:	Assistant Controller					
Mailing Address:	Street or P.O. Box:	70 West Racetrack Road				
	City: Somerset		State:	KY	Zip Code:	42502
Email:	Zac.Laprade@somersetfloors.com	rs.com				
Phone:	(606) 678-2842 ext. 228					
Air Permit Contact for Source	Source					
Name:	Zac LaPrade					
Title:	Assistant Controller					9
Mailing Address:	Street or P.O. Box:	70 West Racetrack Road				
	City:	Somerset	State:	KY	Zip Code:	42502
Email:	Zac.Laprade@somersetfloors.com	rs.com				
Phone:	(606) 678-2842 ext. 228					

Section AI.3: Owner Information	ner Information						
☐Owner same as applicant	as applicant						
Nаше:	Bauwerk Group US LLC						1
Title:							
Mailing Address:	Street or P.O. Box: City:	70 West Racetrack Road Somerset	State:	KY	Zin Code:	42502	1 1
Email:			1				
Phone:	(606) 678-2842						1 1
List names of owners an	List names of owners and officers of the company who have an interest in the company of 5% or more.	have an interest in the con	npany of 5% or	more.			
	Name			Position			
							ñ ï
							ĺď

11/2018							
Section AI.4: Type of Application	of Application						
Current Status:	Title V SConditional Major	ional Major	State-Origin	Gene	General Permit	Registration	None
Requested Action: (check all that apply)	□ Name Change □ Renewal Permit □ \$02(b)(10)Change □ Revision □ Ownership Change	☐ Initial Registration ☐ Revised Registration ☐ Extension Request ☐ Off Permit Change ☐ Closure		Significant Revision         ✓ Minor Revision         ↑ Addition of New Facility         ↑ Landfill Alternate Compl	<ul> <li>Significant Revision</li> <li>Minor Revision</li> <li>Addition of New Facility</li> <li>Landfill Alternate Compliance Submittal</li> </ul>	Administrative Permit Amendment Initial Source-wide OperatingPermit Portable Plant Relocation Notice Modification of Existing Facilities	tingPermit Notice 'acilities
Requested Status:	Title V Conditional Major	onal Major	State-Origin	Os.	□ ISR	Other:	
Is the source requesting a limitation of potential emissions?	limitation of potentia	l emissions?	[7] Yes				
Follutant:  Particulate Matter		Requested Limit: < 90 tpy	£	Pollutant: ☑ Single HAP	nt: e HAP	Requested Limit: < 10 tpy	ij
☑ Volatile Organic Compounds (VOC)	npounds (VOC)	< 90 tpy		Com	✓ Combined HAPs	< 25 tpy	
Carbon Monoxide		< 90 tpy		Air T	☐ Air Toxics (40 CFR 68, Subpart F)	bpart F)	
☐ Nitrogen Oxides				Carb	Carbon Dioxide		
Sulfur Dioxide				Green	☐ Greenhouse Gases (GHG)		
For New Construction: Proposed Start Dat	New Construction: Proposed Start Date of Construction: (MM/YYYY)		P	roposed Operatio	Proposed Operation Start-Up Date: (MM/YYYY)	DA/YYYY)	

For Modifications:		
Proposed Start Date of Modification: (MM/YYYY)	Within 7 days of submission of permit application.	Proposed Operation Start-Up Date: (MM/YYYY) Within 6 months after start date.
Applicant is seeking coverage under a permit sh	ield.	Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.
ection AL5 Other Required Informat	ation	
	Indicate the documents attac	Indicate the documents attached as part of this application:
DEP7007A Indirect Heat Exchangers and Turbines  DEP7007B Manufacturing or Processing Operations  DEP7007C Incinerators and Waste Burners  DEP7007F Episode Standby Plan  DEP7007F Episode Standby Plan  DEP7007A Surface Coating or Printing Operations  DEP7007M Metal Cleaning Degreasers  DEP7007M Metal Cleaning Degreasers  DEP7007N Source Emissions Profile  DEP7007P Emission Offset Credit  DEP70077 Metal Plating and Surface Treatment Operations  DEP70077 Metal Plating and Surface Treatment Operations  DEP70077 Good Engineering Practice and Stack Height Determination  DEP70077A Good Engineering Practice and Stack Height Determination  DEP7007AA Compliance Schedule for Non-complying Emission Units  DEP7007B Certified Progress Report	serations ce Activities eight Determination ing Emission Units	DEP7007CC Compliance Certification DEP7007DD Insignificant Activities DEP7007EE Internal Combustion Engines DEP7007FF Secondary Aluminum Processing DEP7007FH Haul Roads DEP7007HH Haul Roads Confidentiality Claim Ownership Change Form Secretary of State Certificate Plowcharts or diagrams depicting process Digital Line Graphs (DLG) files of buldings, roads, etc. Site Map Map or drawing depicting location of facility Safety Data Sheet (SDS) Emergency Response Plan Otther:

# Section AI.6: Signature Block

the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties I, the undersigned, hereby certify under penalty of law, that I am a responsible official\*, and that I have personally examined, and am familiar with, for submitting false or incomplete information, including the possibility of fine or imprisonment.

	Fell
--	------

2/10/24

Assistant Controller
Title of Signatory

Zac LaPrade
Type or Printed Name of Signatory

\*Responsible official as defined by 401 KAR 52:001.

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uo	007N,						Hours per Batch (if applicable)																		
Additional Documentation	Complete DEP7007AI, DEP7007N, 7007V, and DEP7007GG. Attach a flow diagram Attach SDS						Number of Batches per 24 Hours (if applicable)																		
Additio	Complete DEP7007AI, DDEP7007AI, DDEP7007V, and DEP7007GG. Attach a flow diagram Attach SDS						Is the Process Continuous or Batch?	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous
	Pperations on mations						Proposed/Actual Date of Construction Commencement	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024	05/2024
/B	rocessing C nation Fuel Informati ents, and Expla						Model No.	N/A	70 CCT 1150	N/A	K34G	CS14ML	Various	Not Used	K CCT 1350	FPR 225	CS14ML	HSEM-C	Opticut 200	DSG Sonic	DSG 200	Power Plus	S-4/2.XL		Not Used
<b>DEP7007B</b>	Manufacturing or Processing Operations Section B.1: Process Information Section B.2: Materials and Fuel Information Section B.3: Notes, Comments, and Explanations						Manufacturer	N/A	Costa	N/A	Paul Saw	Crosscut Solutions	Eagle	Not Used	Costa	Homag	Crosscut Solutions	Hasko	Weinig	Wintersteiger	Wintersteiger	Ogden	Schroeder		Not Used
	Manuf Section B Section B Section B	wood, Inc.					Process Name	Prewash Line	Prewash Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line	Engineered Line
		Eagle Hardwood, Inc. 21- 199-00079	F-14-049	3806	5/13/2024		Process ID	12	12A	13	13A	13B	13D	13E	13F	13G	13H	131	13K	13L	13L	13L	13L	13M	13N
r Quality	ulevard 40601 8999	21-		K 18	,	Information	Describe Emission Unit	Prewash of wood	Wood Sander	Engineering hardwood product	Core sawing	Core sanding	Press	Sands bottom of product	Sands top of product	Matches sides of product together	Saw	Matches ends of product together	Removes defects from product	Splits product	Splits product	Splits product	Splits product	Saws	Planer
Division for Air Quality	300 Sower Boulevard Frankfort, KY 40601 (502) 564-3999	me: FS)#:		Agency Interest (AI) ID:		Section B.1: Process Information	Émission Unit Name	Prewash Line	Sander	Engineered Line	Core Rip Saw	Core Sander	Press	Bottom Sander	Top Sander	Side Match	Chop Saw	End Match	Defect Chop Saws	Splitter Saws	Splitter Saws	Splitter Saws	Splitter Saws	Face Chop Saws	Planer
D		Source Name: KY EIS (AFS) #:	Permit #:	Agency Int	Date:	Section 1	Emission Unit#	12	12A	13	13A	13B	13C	13D	13E	13F	13G	13H	131	133	13J	131	133	13K	13L

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	1			_		7	 		 	
		Ash	<i>%</i>	ī	î					
		Sulfur	8	1	ı					
		Yearly ge Rate	(Specify Units)	Ĭ	Ĺ					
		Maximum Yearly Fuel Usage Rate		ı	Ŋ.					
		Maximum Hourly Fuel Usage Rate	(Specify Units)	Yi	ř					
	ations.	Maximur Fuel Us:		E	(1)					
	eable limit	Fuel Type		N/A	N/A			4		
	erally enforc	Quantity of ned Material tput	(Specify Units/hr)	SF/Hr	SF/Hr					
	through fed	Maximum Quantity of Each Finished Material Output		2,000	168,776					
restrictions thr	restrictions	Name of Finished	Materials	Pre-finished Hardwood Flooring	Pre-finished Hardwood Flooring					
	*Maximum yearly fuel usage rate only applies if applicant request operating restrictions through federally enforceable limitations.	Total Process Weight Rate for Emission Unit	(tons/hr)	0,23	19.78					
mation	plicant re	mum of Each aterial	(Specify Units/hr)	(bd-ft/hr)	(pq-tt/hr)					
Infor	plies if a	Maximum Quantity of Each Raw Material Input		125	10,549					
Section B.2: Materials and Fuel Information *Maximum yearly fuel usage rate only applies if applicant r	rge rate only ap	Name of Raw Materials Input		Hardwood	Hardwood					
3.2: Mater	vearly fuel us.	Emission Unit Name		Prewash Line	Engineered Line					
Section B	*Maximum	Emission Unit#		12	13					

Tor Air Quality   Eagle Hardwoods, LLC	Division for Air Quality     300 Sower Boulevard     Frankfort, KY 40601     (502) 564-3999     Source Name: Eagle Hardwoods, LLC     KX EIS (AFS) #: 21-199-00079     Permit #: F-14-049     Agency Interest (AI) ID: 3806     Date: 5/13/2024     Control Control Control Edge	DEP7007GG  Additional Documentation  Control Equipment  Complete Sections GG.1 through GG.12, as applicable		Complete DEP7007AI								uipment	Inlet Gas Stream Data For Condensers, Adsorbers, Afterburners, Incinerators, All Control Devices Oxidizers Only	Installed Average Particle Gas Pressure	Temperature Flowrate Particle Density $\ell b / \ell l$ Diameter or Specific $\ell b / \ell l$ Content Composition Gravity $\ell b / \ell l$ Content Composition Fan Type	2/1/2020         80         Unknown         Unknown         Unknown         Ambient         N/A         N/A         N/A	2V8 / S/27/2024 80 53,277 Unknown Unknown Ambient N/A N/A N/A 0.1-20 PM 99,90%				
C Temperat	Division for Air Quality   300 Sower Boulevard     Frankfort, KY 40601     (502) 564-3999     Frankfort, KY 40601     (502) 564-3999     Frankfort, KY 40601     Sagle Hardwoods, LLC     F-14-049	EP7007GG										nlet Gas Stream Data For <u>All</u> Co	L	Flowrate Particle (scfm@68*F) Diameter (µm)	Unknown				4		
Tor Air Quality   Eagle Hardwoods, LLC	Division for Air Quality  300 Sower Boulevard  Frankfort, KY 40601  (502) 564-3999  if #: Eagle Hardwoods, LLC  IS (AFS) #: 21-199-00079  if #: F-14-049  sy Interest (AI) D: 3806  S/13/2024  Dust Collector - 5  Dust Dust Foust Metal FMW14RVN6  Collector - 6  Dust Foust Metal FMW14RVN6  Social #  Works, Inc.   Poust Metal   FMW18RV8   Works, Inc.   Poust Metal   FMW18RV8   Social #  S	<b>-</b> 3										ment		Installed	Temperatu	2/1/2020	5/27/2024				
an for Air Quality  Sower Boulevard  kfort, KY 40601  22) 564-3999  Eagle Hard  #: 21-199-00079  F-14-049  F-14-049  f (AI) ID: 3806  S/13/2024  Seneral Information - 6  t	Division for Air Quality  300 Sower Boulevard  Frankfort, KY 40601  (502) 564-3999  It #: Eagle Hard  (502) 564-3999  cy Interest (AI) ID: 3806  cy Interest (AI) ID: 3806  S/13/2024  Dust Collector - 5 Works, Inc  Dust Dust Foust Meas  Collector - 6 Works, Inc  Collector - 6 Works, Inc  Roughly  Foust Manufactu  Works, Inc  Foust Manufactu  Works, Inc  Foust Manufactu  Foust Manufactu  Works, Inc  Roughly  Foust Manufactu  Foust Manufactu  Works, Inc  Roughly  Foust Meas  Foust Manufactu  Foust Manufactu  Foust Manufactu  Foust Manufactu  Foust Meas					7	woods, LLC					Control Equip									
ce Cost	Division for Air 300 Sower Boul Frankfort, KY 4 (502) 564-39; c Name:  LS (AFS) #: 2  If #:  cy Interest (AI) ID:  Dust  Collector - 5  Collector - 6  Collector - 7  Collector - 6  Collector - 7  Colle	Quality	evard	601	6		Eagle Hard	1- 199-00079	F-14-049	3806	5/13/2024	formation - (				Foust Meta Works, Inc	Foust Meta Works, Inc				
	Divisio  300 { 500 { 500 { 600	n for Air	Sower Boule	kfort, KY 4	02) 564-399					t (AI) ID:		General In		_							

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	For Water Spray:	Flowrate (gal/min)	N/A	N/A				
	For Bleed- in Air:	Flowrate (scfm @ 68*F)	N/A	N/A				
	For Ductwork:	Diameter (ft)	Various	Various				
		Length	Various	Various				
	Identify Gas Cooling Method: Ductwork, Heal	Exchanger, Bleed-in Air, Water Spray, or Other (specify)	N/A	N/A				
	Identify Cleaning Method:	Staker, Pulse Aur, Reverse Air, Pulse Jet, or Other (specify)	Pulse Jet	Pulse Jet				
	Additional Materials Introduced into the Control System (e.g. lime, carbon)	Injection Rate (Ib/hr)	N/A	N/A				
	Additional Introduced in Sys (e.g. lime	Material	N/A	N/A				
	Continuous Monitoring	(e.g. COMS, BLDS, none)	Pressure Drop Monitoring Device	Pressure Drop Monitoring Device			-	
	Effective Air-to-	Filter Ratio (acfm/ft²)						
	Total Filter Area	(ft²)						
	Identify Type of Filtering Material:	Fabric, Paper, Synthetic, or Other (specify)	Fabric	Fabric				
	Identify Type of Filter Unit: Barbouse, Cartridge	Collector, or Other (specify)	Baghouse	Baghouse				
S.6: Filter	Identify all Emission Units and Control	Devices mat Feed to Filter	Prewash Line	Engineered Line				
Section GG.6: Filter	Control	# meyice ID #	DC3	DC6				

### Attach SDS or Technical Sheets for all Additional Documentation Complete DEP7007AI, DEP7007N, DEP7007V, and DEP7007GG. Attach a flow diagram Coating/Printing Materials Section K.5: HAP-containing Coatings/Printing Materials Section K.4: Coatings/Printing Materials as Applied \_ Section K.6: Notes, Comments, and Explanations Surface Coating or Printing Operations Section K.1: Process Information Section K.2: Coating Operations Section K.3: Other Operations DEP7007K 401 KAR 63:020, 401 KAR 59:005, 401 KAR 50:045, 410 KAR 52:030 Pre-wash stain application using an automatic roller coater. Black W/B Pre Stain, Mocha Stain, White WB Stain. Pre-Wash Stain Application Eagle Hardwoods, Inc. 21-199-00079 5/13/2024 F-14-049 Section K.1: Process Information 05/2024 3806 Division for Air Quality 300 Sower Boulevard Pre-Wash Line Frankfort, KY 40601 (502) 564-3999 Agency Interest (AI) ID: Coating/Printing Line Name: Construction: (MM/YYYY) Proposed/Actual Date of Emission Unit Name: KY EIS (AFS) #: Coatings/Printing Source Name: Emission Unit #: Describe Overall List Applicable Regulations: Permit #: Materials: Process: Describe Date:

## Attach SDS or Technical Sheets for all Additional Documentation Complete DEP7007AI, DEP7007N, DEP7007V, and DEP7007GG. Attach a flow diagram Coating/Printing Materials Section K.5: HAP-containing Coatings/Printing Materials Section K.4: Coatings/Printing Materials as Applied Section K.6: Notes, Comments, and Explanations Surface Coating or Printing Operations Section K.1: Process Information Section K.2: Coating Operations Section K.3: Other Operations **DEP7007K** HB Fuller HL-9692-LT149 Hot Melt Glue Eagle Hardwoods, Inc. Hot Melt Glue Application 21-199-00079 F-14-049 5/13/2024 Hot melt glue application Section K.1: Process Information 05/2024 3806 Division for Air Quality Emission Unit Name: Engineered Line 300 Sower Boulevard Frankfort, KY 40601 (502) 564-3999 Agency Interest (AI) ID: Coating/Printing Line Name: Construction: (MM/YYYY) Proposed/Actual Date of KY EIS (AFS) #: Coatings/Printing Source Name: Emission Unit #: Describe Overall List Applicable Regulations: Permit #: Materials: Process: Describe Date:

ldeadh Sthe Material that is Coated/Printed:	Metal	Vinyl	Plastics		رً] Wood	[] Foil	☐ Paper	Other Substrate	DEP7007K
Provide detailed description of material coated/printed:	n of material coat	ed/printed:	Hot melt glue a	pplication us	Hot melt glue application using automatic roller coating operations.	oating operations.			
Provide approximate dimensions and range of sizes of parts being coated or printed:	nsions and range (	of sizes of parts being	Length: 1 foot to	o 6 feet Widt	Length: 1 foot to 6 feet Width: 1 inch to 1 foot				
Identify the Type of Operation:	tion:	✓ Continuous	Batch [	Other:					
Describe Surface Preparation/Pretreatment Steps:	on/Pretreatment S	steps:	Cutting, planing, sanding, and brushing.	ıg, sanding,	and brushing.				
For Coating Operations:	Spray   Flow Brush   Powder	☐ Dip tank er ☑ Roller Coat	☐ Electrodeposition	sition	Other				
For Printing Operations: (Select all that apply)	☐ Web ☐ Sheeffed	☐ Rotogravure fed ☐ Letterpress	Heatset Non-heatset		☐ Lithographic ☐ Hexographic	Other			
Describe Final Product:	Engine	Engineered hardwood flooring							
		Check the	the category	that most	category that most closely describes this unit:	es this unit:			
☐ Large Appliance Coating	Autr	Auto or Light-Duty Truck Coating	ng	∏ [	] Metal Furniture Coating		Metal Coil Coating	Coating	
Beverage Can Coating		Miscellaneious Metal Parts Coating	ating	<u>®</u> [	☐ Magnet Wire Insulation Coating	oating	Hat Woo	Flat Wood Panel Coating	
Li Fabric, Vinyi, or Paper Coating	_ (	Boat Manufacturing/ Ship Repair	aır		Pressure Sensitive Tape and Label Coating	nd Label Coating	<ul> <li>Magnet Tape Coating</li> </ul>	ape Coating	
Publication Rotogravure Printing	nting 🔲 Coat	Coating of Plastic Parts for Business Machines	iness Machines	∏ H	xible Vinyl and Urethar	Flexible Vinyl and Urethane Coating and Printing	[		
Graphic Arts using Rotogravure and Flexographic Printing	ure and Flexographic	Printing					✓ Other:	Fabricated Wood Flooring	ring

Section K.	2: Coati	ing Oper	ations					
			K.2A: F	or Spray	Coating	,		4
Gun/Booth ID Describe F		e Function	Туре	Туре			mum ign cation ite or lb/hr)	Describe how maximum rate was determined
			Conventional Air Gun Airless Electrostatic Aerosol Spray Can	☐ HVLP☐ LVLP☐ Other	☐ Manual ☐ Automatic			☐ Testing ☐ Equipment Specification Sheet ☐ Estimation
			Conventional Air Gun Airless Electrostatic Aerosol Spray Can	HVLP LVLP Other	☐ Manual			☐ Testing ☐ Equipment Specification Sheet ☐ Estimation
			Conventional Air Gun Airless Electrostatic Aerosol Spray Can	HVLP LVLP Other	☐ Manual			☐ Testing ☐ Equipment Specification Sheet ☐ Estimation
If spray guns are used simultaneously, describe:			V 2D. E.	on Danish A	Conting			
			K.2B; FC	or Brush (				
Maximum Coating Application Rate: (gal/hr)								
			K.2C: Fo	r Roller (	Coating			
Roller Coat ID		Des	scribe Function	Maximu	m Coating Appl Rate (gal/hr)	lication	Descri	be how maximum rate was determined
N/A		Pre-Wa	sh Stain Application		1.03		Testi	ng 📝 Estimation oment Specification Sheet
N/A		Hot M	elt Glue Application	122				pment Specification Sheet
							☐ Testi	ng Estimation  Description Sheet

		K.2D: Fo	or Powder Coating		
Powder Coat ID	Des	scribe Function	Maximum Coating App Rate (gal/hr or lb/hr)	lication	Describe how maximum rate was determined
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
If powder coating ma recycled, describ					
		K.2E: F	For Flow Coating		
Flow Coat ID	Des	scribe Function	Maximum Coating Appl Rate (gal/hr or lb/hr)	lication	Describe how maximum rate was determined
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
		K.2F: For Dip Tan	k/Electrodeposition Coa	ting	
Tank ID	Des	cribe Function	Maximum Make-up l (gal/hr or lb/hr)	Rate	Describe how maximum rate was determined
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
					Testing Estimation
					Equipment Specification Sheet
					☐ Testing ☐ Estimation
					Equipment Specification Sheet

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Include SDS or 1	Include SDS or Technical Sheets for all coating/printing materials used.	ating/printing materia	S Applied Is used.									
Trade Name of Material	Description (Identify as coaing, ink, fountan solution, blanket wash, cleaning solvent, thinning solven, auto wash, manual wash, etc.)	Emission Unit/Coating ID where material is used	SCC Code	SCC Code Units	Density (lb/gal)	Solid Content (lb/gal)	VOC Content	Emission Factor for PM* (lb/SCC)	Transfer Efficiency	Emission Factor for VOC	Capture Efficiency	Control Device/ Stack ID
626-440 BLACK W/B PRE STAIN	Stain Coating	12	N/A	N/A	9.14	N/A	0.55	N/A	N/A	N/A	N/A	DC5
626-441 MOCHA PRE STAIN	Stain Coating	12	N/A	N/A	8.35	N/A	0.78	N/A	N/A	N/A	N/A	DC5
631-1257B WHITE WB STAIN	Stain Coating	12	N/A	N/A	11.32	N/A	0.34	N/A	N/A	N/A	N/A	DC5
HB Fuller HL-9692- LT149	Hot Melt Glue	13	N/A	N/A	9.17	N/A	0.00	N/A	N/A	N/A	N/A	DC6
*Emission facto	*Emission factor for particulate matter (PM) should not include transfer efficiency.	(PM) should not in	ıclude transfer	r efficiency.								

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		Control Device/ Stack ID	DC6					
		HAP Emission Factor (lb/SCC)	N/A					
terials		HAP % by weight	5.00%					
tings/Printing Mat		Identify Solid (S) or Volatile (V)	Λ					
t-containing Coat	ained in each material.	HAP CAS#	(CAS 101-68-8)					
Section K.5: Hazardous Air Pollutant-containing Coatings/Printing Materials	List each individual hazardous air pollutant (HAP) contained in each material.	HAP Name	HB Fuller HL-9692-LT149 Hot Melt 4,4'-methylenediphenyl diisocyanate Glue					
Section K.5: Haza	List each individual hazard	Trade Name of Material	HB Fuller HL-9692-LT149 Hot Melt Glue					

Controlled Potential (tons/yr)

Uncontrolled Potential

(tons/yr) 35.92

0.04

5.87

5867.71

Annual Emissions

			ity	c Into	c Into					
			Exit Velocity (ft/sec)	ed Back Bldg	ed Back Bldg					
		ata	Exi	Vente	Vente					
		Stack Gas Stream Data	Temperature (°F)	Vented Back Into   Vented Back Into   Bldg   Bldg	Vented Back Into Vented Back Into Bldg					
		Sta	Flowrate (acfm)	Vented Back Into Bldg	Vented Back Into Bldg					
		Stack UTM Coordinates	Easting $(m)$	Vented Back Into Bldg	Vented Back Into Bldg					
		Stack UTM	Northing (m)	Vented Back Into Bldg	Vented Back Into Bldg					Dana 21 of 31 of Application
Section N.2: Stack Information		Stack Physical Data	Base Elevation	Vented Back Into Bldg	Vented Back Into Bldg					Pana 21 of 3
			Height	Vented Back Into Bldg	Vented Back Into Bldg					
			Equivalent Diameter (#)	Vented Back Into Bldg	Vented Back Into Bldg					
	** [	Identify all Emission Units (with Process ID) and	Control Devices that Feed to Stack	Prewash Line	Engineered Line					
Section N.	UTM Zone:	Stack III	STATE	DC5	9DCe					

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	ity					
	Exit Velocity (ft/sec)					
ıta	Exit					
Stack Gas Stream Data	ure					
1s Stre	Temperature (*F)					
ack G	Теп					
St	ıte					
	Flowrate (acfm)					
tes	55					
ordina	Easting (m)					
Stack UTM Coordinates						
ick UT	Northing (m)					
Sta	Non					
	<b>u</b> 0					
ata	Base Elevation					
al Data						
/sical	Height					
Stack Physical Data	He					
Sta	ent er					
	Equivalent Diameter					
ts						
on Uni ) and	at Fee					
entify all Emission Uni (with Process ID) and	Devices th to Stack					
y all E h Proc	ol Devi					
Identify all Emission Units (with Process ID) and	Control Devices that Feed to Stack					
Stack ID	acu					
9	1					

## **Emissions Calculations**

# Eagle Hardwoods, LLC Somerset, KY

Facility-Wide Emissions Summary

Emission		PM	SO2	NOX	8	VOC	Total HAP
Unit	Emission Unit Description	(tpy)	(tpy)	(tpy)	(tby)	(tpy)	(tpy)
	Planers and Rip Saws						
01A	Mill Line B	11.13	1	3	J	Ŧ	f
	Mill Line Support Equipment						
01B	Mill Line C	1.42	12	£	Ę	£	1
01C	Wood Hog and Wood Silos	5.52	4	9	1	E	ı
02	Storage and Truck Loading	2.86	1	1	1	1	4
03	Paved and Unpaved Roads	ı	E	ŧ	I	ŧ	1
04	Reserved	1	4	3	1	ŧ	ľ
05 & 06	Two indirect Heat Exchangers	0.22	0.02	2.83	2.38	0.16	4
07	Floor Finishing Line Sander	1.44	I,	£	1	Ĩ	t
08	Johnson Wood Boiler	14.00	1.20	9.58	45.34	0.82	1.84
60	Hurst Wood Boiler	44.00	3.14	16.86	10.47	2.14	4.80
10	Stain Roller Station	1	•	E	ı	9.31	09:0
11	Propane-Fired Emergency Generator	1.07E-03	6.32E-05	0.44	90.0	0.01	0.01
12	Pre-Wash Line	0.04	-	ł	1	0.82	0.00
13	Engineered Line	5.87	1	.1	E	2.24	2.24
1	Sample Preparation (Insignificant)	0.01	***	1	1	1	1
	Total =	86.49	4.36	29.71	58.25	15.49	9.48

## Eagle Hardwoods, LLC Somerset, KY

Wood Processing Lines

Control Efficiency =

lb/pd-ft 3.75 Hardwood Density =

hrs/yr 8,760 Operating Schedule =

		_!	Rated Capacity	apacity				Partice	Particulate Matter (PM)	r (PM)	
						PM Emission	Uncontrolled	Controlled	Emission	Uncontrolled	Controlled
Unit	Dust	ıst			Process Rate	factor	Hourly	Hourly	Limit <sup>4</sup>	Annual	Annual
# Line	Collector	ector	(bd-ft/hr)	(bd-ft/yr)	(ton/hr)	(lbs PM/bd-ft)	(lb/hr)	(lb/hr)	(lb/hr)	(tpy)	(tpv)
01A Planers and Rip Saws	vs DC1/	1A	10,000	87,600,000	18.75	0.127	1,270.0	1.27	22.10	5,562.6	5.56
01A Mill Line B	DC18	18	5,000	43,800,000	9:38	0.127	635.0	0.64	14.38	2,781.3	2.78
01A Mill Line Support Equipment	quipment DC1B	18	5,000	43,800,000	9:38	0.127	635.0	0.64	14.38	2,781.3	2.78
01B Mill Line C	DC2	C2	5,000	43,800,000	9.38	0.065	325.0	0.33	14.38	1,423.5	1.42
01C Wood Hog and Wood Silos		DC4	5,000	43,800,000	9:38	0.252	1,260.0	1.26	14.38	5,518.8	5.52
02 Storage and Truck Loading		DC4	5,137	45,000,000	9.63	0.127	652.4	0.65	14.62	2,857.5	2.86
07 Floor Finishing Line Sander		DC3	5,000	43,800,000	9.38	0.0656	328.0	0.33	14.38	1,436.6	1.44
12 Pre-Wash Line	DC	DC5	125	1,095,000	0.23	0.0656	8.2	0.01	1.46	35.9	0.04
13 Engineered Line	DC	920	10,549	92,404,860	19.78	0.127	1,339.7	1.34	22.84	5,867.7	5.87
Sample Preparation (Insignificant)	(Insignificant) DC7	C2	20	175,200	0.04	0.0656	1.3	00.0	0.47	5.7	0.01

(1) Process Rate (tons/hr) = Material Input (bd-ft/hr) \* Hardwood Density (lb/bd-ft) / 2,000 (lbs/ton)

28.27

28,271.0

1

6.45

6,454.6

Total =

(2) Uncontrolled Hourly PM Emissions (lb/hr) = Rated Capacity (bd-ft/hr) \* PM Emission Factor (lb PM/bd-ft)

(3) Controlled Hourly PM Emissions (lb/hr) = Uncontrolled Hourly PM Emissions (lb/hr) \* (1-Control Eff.(%))

(4) PM Emission Limit (lb/hr) =  $3.59p^{0.62}$ 

P = Process Rate (tons/hr)

401 KAR 59:010, Section 3(2)(a)

(5) Uncontrolled Annual PM Emissions (tpy) = Rated Capacity (bd-ft/yr) \* PM Emission Factor (lb PM/bd-ft) / 2,000 (lbs/ton) (6) Controlled Annual PM Emissions (tpy) \* (1-Control Eff.(%))

## Eagle Hardwoods, LLC Somerset, KY

#### **Pre-Wash Stain Application**

ID#	Description	Density (lb/gal)	VOC Content (%)	Total HAP Content (%)
626-440	Black W/B Pre Stain	9.14	6.0	
626-441	MOCHA PRE STAIN	8.35	9.3	
631-1257B	WHITE WB STAIN	11.32	3.0	

Max = 11.32 9.30 0.00

2023 Actual Production = 196,405 bd-ft/yr
2023 Actual Stain Usage = 278 gal/yr
Potential Production = 1,095,000 bd-ft/yr
Potential Stain Usage = 1,550 gal/yr

Total Potential VOC = 0.82 tpy
Total Potential HAP = 0.00 tpy

# Eagle Hardwoods, LLC Somerset, KY

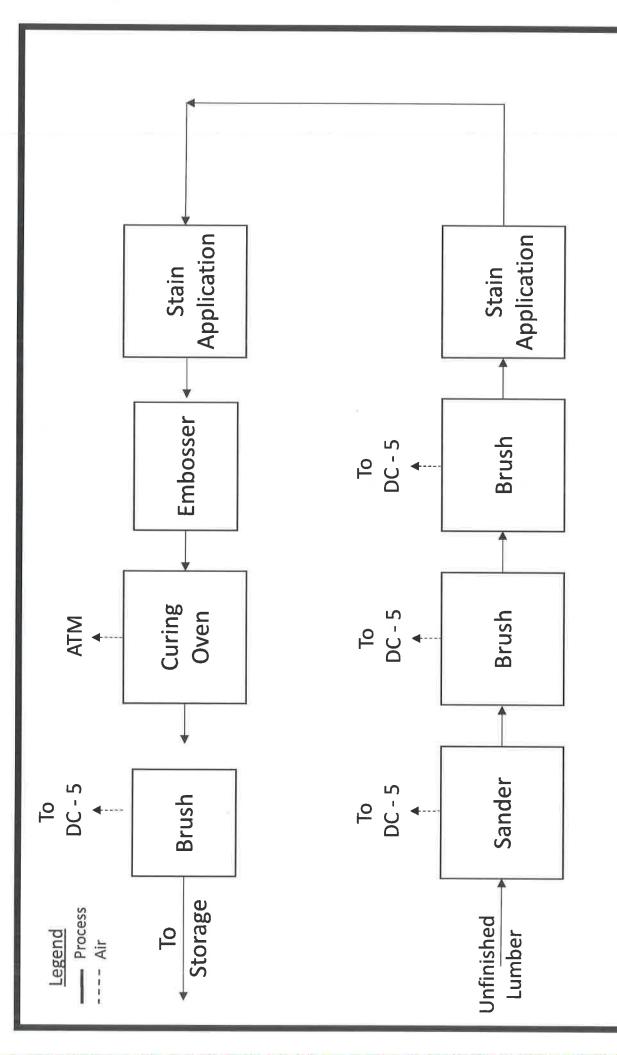
# Hot Melt Glue Application

Operating Hours	8760	hr/yr	
Flooring Production	92,404,860	sq. ft. annually	
Application Rate	6	grams/sq. ft.	
Product Yield %	82%		
MDI Emission Rate	4%		

Total MDI	cmitted	Amount (ton)	2.236
diisocyanate	8)	Amount (lb) Amount (ton) Amount	55.90
4,4'-methylenediphenyl diisocyanate	(CAS 101-68-8)	Amount (lb)	111,797
4,4'-meth		% by weight	2.00%
	VOC content	% by weight	0.00
	I Otal Amount	Osed (ID)	2,235,939.25
	9.17		
Total America	Head (mail)	Osca (Bar)	2.44E+05
	MSDS Date		9/18/2018
	MSDS Name		HB Fuller HL-9692- LT149
	Material		Hot Melt Glue

MDI is a solid at standard conditions. MDI adhesives have a very high rate of crosslinking the MDI, so that negligible emissions of MDI occur. For example, MDI was not found in the emissions from the press at an OSB mill which uses MDI resin to bind the strands. See NCASI Technical Paper 772 and OSB Mill 083. Based on this information, negligible MDI emissions are expected from the hot melt glue at this facility.

## **Process Flow Diagrams**

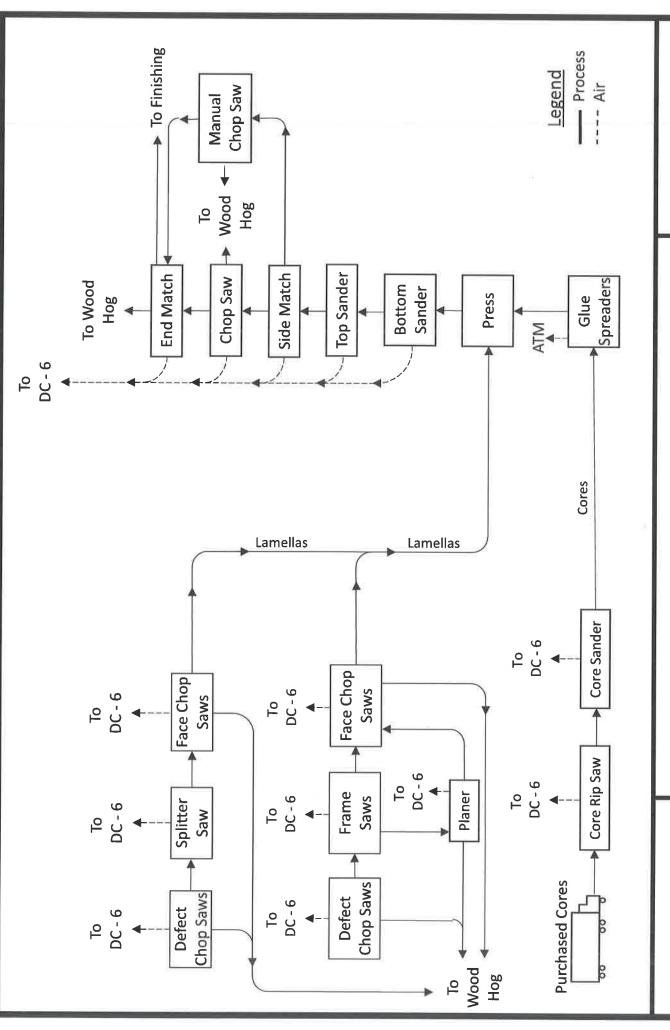


Eagle Hardwood Inc. Prewash Line - Emission Unit 12 (new)



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Date: 3/7/2024 Edited By: CRD



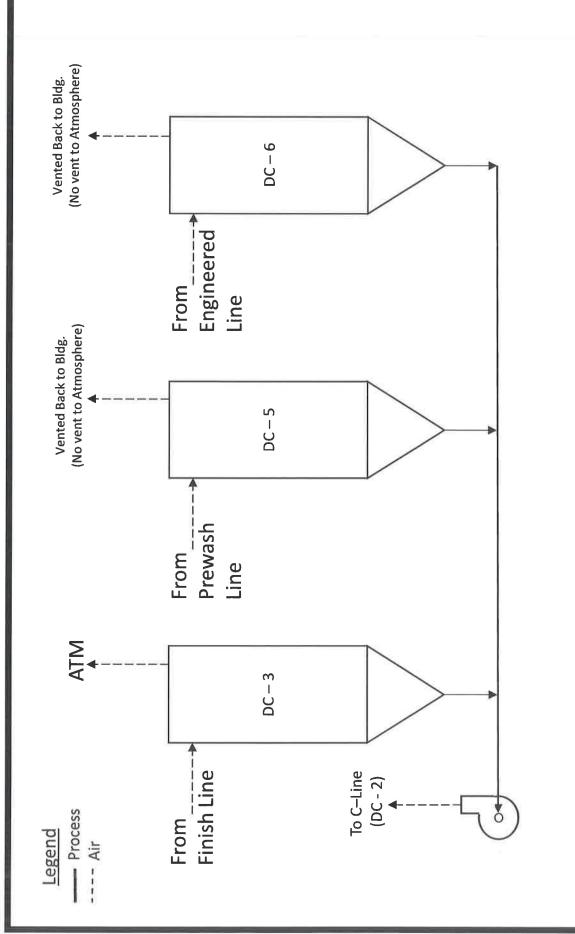
Engineering Line - Emission Unit 13

Page 30 of 31 of Application

Edited By: CRD

Date: 3/7/2024

STEVENSETS



Date: 3/7/2024 Edited By: CRD

STEVENSEHS

Eagle Hardwood Inc. Finish Line, Prewash, Engineered - Emission Units 07, 12, & 13

## Division for Air Quality

300 Sower Boulevard Frankfort, KY 40601 (502) 564-3999

## DEP7007AI

Administrative Information

Section AI.1: Source Information Section AI.2: Applicant Information

Section AI.3: Owner Information

Section AI.4: Type of Application

Section AI.5: Other Required Information

Section AI.6: Signature Block

Section AI.7: Notes, Comments, and Explanations

<b>50u</b>	rce	name:	

Somerset Hardwood Flooring

KY EIS (AFS) #:

21-19900079

Permit #:

F-24-035

Agency Interest (AI) ID:

3806

Date:

9/2/2025

### Section AI.1: Source Information

**Physical Location** Address:

Mailing Address:

Primary (NAICS) Category:

Street:

70 W Racetrack Rd.

City:

Street or

P.O. Box:

City:

Somerset

70 W Racetrack Rd.

Somerset

State:

KY

Zip Code:

Zip Code:

42503

42503

**Additional Documentation** 

Additional Documentation attached

#### **Standard Coordinates for Source Physical Location**

County: Pulaski

Longitude:

37.1335004

(decimal degrees)

Latitude:

-84.6291571

(decimal degrees)

Other Millwork (Including Flooring)

**Primary NAICS #:** 

321918

Classification (SIC) C	ategory:	Hardwood Dimension a	nd flooring mills	Primary SIC #:	2426		
Briefly discuss the type conducted at this site:		Manufacturer of hardwood	flooring.				
Description of Area Surrounding Source:	☐ Rural Area☐ Urban Area	☐ Industrial Park☐ Industrial Area	☐ Residential Area ☐ Commercial Area	Is any part of the source located on federal land?	☐ Yes ☑ No	Number of Employees:	247
Approximate distance to nearest residence or commercial property:	r	les	Property Area: 20.	.89 acres	Is this source portable?	☐ Yes ☑ No	
	What other	er environmental permi	ts or registrations do	es this source currently hold	or need to obtain in Ken	tucky?	
NPDES/KPDES:	✓ Currently Ho	ld Need	□ N/A				
Solid Waste:	☐ Currently Ho	Id Need	☑ N/A				
RCRA:	Currently Ho	ld Need	☑ N/A				
UST:	Currently Ho	ld Need	☑ N/A				
Type of Regulated	✓ Mixed Waste	Generator	Generator	Recycler	Other:	<u> </u>	
Waste Activity:	U.S. Importer	of Hazardous Waste	Transporter	☐ Treatment/Storage/Disposal	Facility \Box	A	

Section AI.2: Ap	plicant Information							
Applicant Name:	Alex Hyden							
Title: (if individual)	EHS Manager							
Mailing Address:	Street or P.O. Box:	70 W Racetrack Rd.				-		
Maining Address:	City:	Somerset	State:	KY	Zip Code:	42503		
Email: (if individual)	alex.hyden@somersetfloors.com							
Phone:	606-678-2842							
Technical Contact								
Name:	Alex Hyden							
Title:	EHS Manager					=======================================		
Mailing Address:	Street or P.O. Box:	70 W Racetrack Rd.						
	City:	Somerset	State:	KY	Zip Code:	42503		
Email:	alex.hyden@somersetfloors.com							
Phone:	606-678-2842							
Air Permit Contact for S	Source							
Name:	Alex Hyden							
Title:	EHS Manager							
Mailing Address:	Street or P.O. Box:	70 W Racetrack Rd.						
	City:	Somerset	State:	KY	Zip Code:	42503		
Email:	alex.hyden@somersetfloors	.com						
Phone:	606-678-2842							

Section AI.3: Owner Information							
Owner same	as applicant						
Name:	BAUWERK GROUP SCHWEIZ AG						
Title:							
Mailing Address:	Street or P.O. Box: Neudorfstasse 49 9430 St. Margreten						
Maning Additess.	City:		State:	Zip Code:			
Email:							
Phone:	-						
List names of owners and officers of the company who have an interest in the company of 5% or more.							
Name			Position				
Adam McCombs		Plant CEO					
-			<del></del>				
<del>2.</del>		<del></del>	-				

Section AI.4: Type of Application								
Current Status:	☐ Title V ☑ Conditi	ional Major	☐ State-O	rigin		General Permit	☐ Registra	tion None
Requested Action: (check all that apply)	<ul><li>Name Change</li><li>✓ Renewal Permit</li><li>✓ 502(b)(10)Change</li></ul>	☐ Initial Reg ☐ Revised R ☐ Extension	egistration		Significant Revision  Minor Revision  Addition of New Facility		<ul> <li>☐ Administrative Permit Amendment</li> <li>☐ Initial Source-wide OperatingPermit</li> <li>☐ Portable Plant Relocation Notice</li> </ul>	
	<ul><li>☐ Revision</li><li>☑ Ownership Change</li></ul>	☐ Off Permi☐ Closure	t Change		Landfill Alternat	te Compliance Submittal	☐ Modifica	ation of Existing Facilities
Requested Status:	☐ Title V ☑ Conditi	onal Major	State-On	rigin	☐ PSD	□ NSR	Other	· <del></del>
Is the source requesting a	limitation of potentia	l emissions?		[	✓ Yes	No		
Pollutant:		Requested L	imit:		Po	ollutant:		Requested Limit:
✓ Particulate Matter		90 tons			_	Single HAP		9 Tons
✓ Volatile Organic Compounds (VOC)		90 tons			22.5 Tons			
☐ Carbon Monoxide ☐ Air Toxics (40 CFR 68, Subpart F		ıbpart F)						
☐ Nitrogen Oxides						Carbon Dioxide		
☐ Sulfur Dioxide						Greenhouse Gases (GHG)		
☐ Lead						Other		
For New Construction	1:							
Proposed Start Date of Construction: (MM/YYYY)				Proposed Op	peration Start-Up Date: (A	MM/YYYY)	·	
For Modifications:								
Proposed Start Date of Modification:  (MM/YYYY)  Proposed Operation Start-Up Date: (MM/YYYY)								
Identify any non-applicable requirements for which permit shield is  Applicant is seeking coverage under a permit shield.  Yes  Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.								

Section AI.5 Other Required Information					
Indicate the documents attached as part of this application:					
DEP7007A Indirect Heat Exchangers and Turbines	DEP7007CC Compliance Certification				
DEP7007B Manufacturing or Processing Operations	DEP7007DD Insignificant Activities				
DEP7007C Incinerators and Waste Burners	DEP7007EE Internal Combustion Engines				
DEP7007F Episode Standby Plan	☐ DEP7007FF Secondary Aluminum Processing				
DEP7007J Volatile Liquid Storage	☐ DEP7007GG Control Equipment				
DEP7007K Surface Coating or Printing Operations	DEP7007HH Haul Roads				
DEP7007L Mineral Processes	Confidentiality Claim				
DEP7007M Metal Cleaning Degreasers	Ownership Change Form				
DEP7007N Source Emissions Profile	☐ Secretary of State Certificate				
DEP7007P Perchloroethylene Dry Cleaning Systems	Flowcharts or diagrams depicting process				
DEP7007R Emission Offset Credit	Digital Line Graphs (DLG) files of buldings, roads, etc.				
DEP7007S Service Stations	☐ Site Map				
DEP7007T Metal Plating and Surface Treatment Operations	☐ Map or drawing depicting location of facility				
DEP7007V Applicable Requirements and Compliance Activities	Safety Data Sheet (SDS)				
DEP7007Y Good Engineering Practice and Stack Height Determination	☐ Emergency Response Plan				
DEP7007AA Compliance Schedule for Non-complying Emission Units	Other:				
DEP7007BB Certified Progress Report					
Section AI.6: Signature Block					
I, the undersigned, hereby certify under penalty of law, that I am a responsible official*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.					
Alex Hydr	9/2/2025				
Authorized Signature	Date				
Alex Hyden	EHS Program Manager				
Type or Printed Name of Signatory	Title of Signatory				
*Responsible official as defined by 401 KAR 52:001.					

Section AI.7: Notes, Comments, and Explanations					