

Emission Sources - Maximum Allowable Emission Rates

Permit Number 164855

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
SM1_SLASH	Sawmill (SM) 1 Slasher Saw (5)	PM	1.20	1.96
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SM1_FUG	SMs 1 & 3 Fugitives (5)	PM	1.74	2.85
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
SM1_CHIP	SM1 Chipper (5)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SM1_CYC	SM1 Cyclone	PM	2.45	4.03
		PM ₁₀	0.83	1.37
		PM _{2.5}	0.47	0.77
SM4_FUG	SM4 Fugitives (5)	PM	0.68	1.12
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SM4_CHIP	SM4 Chipper (5)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SM4_CYC	SM4 Cyclone	PM	0.39	0.64
		PM ₁₀	0.13	0.22
		PM _{2.5}	0.07	0.12
SM5_FUG	SM5 Fugitives (5)	PM	1.84	3.03
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
Emission Point No. (1) Project Number: 327888	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
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SM5_CHIP	SM5 Chipper (5)	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SM5_CYC	SM5 Cyclone	PM	2.61	4.28
		PM ₁₀	0.89	1.46
		PM _{2.5}	0.50	0.82
PM1_CYC	PM1 Cyclone	PM	1.30	2.14
		PM ₁₀	0.44	0.73
		PM _{2.5}	0.25	0.41
PM1_FUG	PM1 Fugitives (5)	PM	2.29	3.76
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
DIP	Pallet Dip Baths (5)	VOC	9.10	6.81
COAT	Paint Booth Stack	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC	0.97	3.98
		HAP	0.66	1.08
PA_FUG	Pallet Assembly (PA) Fugitives (5)	PM	0.09	0.15
		PM ₁₀	0.09	0.15
		PM _{2.5}	0.09	0.15
		VOC	0.07	0.29
		HAP	0.05	0.08
STOCK1	PM1 Sawdust Stockpile (5)	PM	0.05	0.24
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

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STOCK2 Project Number: 327888	SM1 Sawdust & SM4 Chip Combined Stockpiles (5)	PM	0.03	0.15
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

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	Stockpile (5)	PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
STOCK4	SM5 Chip Stockpile (5)	PM	0.01	0.06
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
STOCK5	SM5 Sawdust Stockpile (5)	PM	0.05	0.20
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
KILNS	Heat-Treating Kilns	PM	0.73	0.80
		PM ₁₀	0.78	0.97
		PM _{2.5}	0.78	0.97
		VOC	62.61	68.56
		HAP	1.70	1.86
KILNS_POC	Heat-Treating Kilns Products of Combustion (5)	PM	0.06	0.18
		PM ₁₀	0.06	0.18
		PM _{2.5}	0.06	0.18
		VOC	0.04	0.12
		NO _x	0.10	0.34
		CO	0.16	0.54
		SO ₂	<0.01	<0.01

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
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EVAP Project Number: 327888	Wastewater Evaporator Emissions and Products of Combustion (5)	VOC	0.08	0.37
		HAP	0.04	0.18
		PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
		VOC	<0.01	<0.01
		HAP	<0.01	<0.01

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		SO ₂	<0.01	<0.01
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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - CO - carbon monoxide
 - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned maintenance, startup and shutdown emissions are included.

Date: March 14, 2022