

Emission Sources - Maximum Allowable Emission Rates

Permit Number 152115

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)
DB1	Debarker (5)	PM	0.12	0.34
		PM ₁₀	0.06	0.15
		PM _{2.5}	0.02	0.06
CS1	Cutoff Saw (5)	PM	0.11	0.32
		PM ₁₀	0.04	0.11
		PM _{2.5}	0.02	0.06
CP1	Chipper 1 (5)	PM	0.04	0.10
		PM ₁₀	0.02	0.04
		PM _{2.5}	0.01	0.02
CP2	Chipper 2 (5)	PM	0.08	0.24
		PM ₁₀	0.04	0.11
		PM _{2.5}	0.01	0.03
BH1	Bark Hog (5)	PM	0.12	0.34
		PM ₁₀	0.06	0.15
		PM _{2.5}	0.02	0.05
SM1A, SM1B, SM1C, SM1D	Sawmill (5)	PM	0.53	1.47
		PM ₁₀	0.30	0.84
		PM _{2.5}	0.10	0.28
GB1	Natural Gas Fired Boiler Stack	PM	0.10	0.42
		PM ₁₀	0.10	0.42
		PM _{2.5}	0.10	0.42
		VOC	0.07	0.30
		CO	1.06	4.64
		NO _x	1.26	5.52

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GB1	Natural Gas Fired Boiler Stack	SO ₂	0.01	0.03
BK1A-BK1L	Steam Heated Batch Kiln 1 Stack	VOC	3.37	10.34
		HAPs (7)	0.24	0.75
		PM	0.02	0.05
		PM ₁₀	0.02	0.05
		PM _{2.5}	0.02	0.05
BK2A-BK2L	Steam Heated Batch Kiln 2 Stack	VOC	3.37	10.34
		HAPs (7)	0.24	0.75
		PM	0.02	0.05
		PM ₁₀	0.02	0.05
		PM _{2.5}	0.02	0.05
BK3A-BK3L	Steam Heated Batch Kiln 3 Stack	VOC	3.37	10.34
		HAPs (7)	0.24	0.75
		PM	0.02	0.05
		PM ₁₀	0.02	0.05
		PM _{2.5}	0.02	0.05
SB1	North Storage Bins (5)	PM	0.11	0.30
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
SB2	South Storage Bins (5)	PM	0.06	0.19
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
WY1	Woodyard Residual Pile (5)	PM	0.11	0.03
		PM ₁₀	0.01	<0.01
		PM _{2.5}	0.01	<0.01
DV1, DV2	Dipping Vats 1 and 2 (5)	VOC	3.57	3.57
TK1	Diesel Tank 1 (5)	VOC	0.31	<0.01
TK2	Diesel Tank 2 (5)	VOC	0.31	<0.01

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TK3	Diesel Tank 3 (5)	VOC	0.31	<0.01
TK4	Gasoline Tank 1 (5)	VOC	13.24	0.38
PW1	Parts Washer (5)	VOC	0.34	0.34

- (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 startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (7) HAPs are a sub-set of the VOC emissions listed for the source.

Date: March 4, 2021