

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73244

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 (7)	
			lbs/hour	TPY (4)
1	Rock Dryer Baghouse Stack	CO	0.82	3.61
		NO _x	0.98	4.29
		PM	1.00	4.42
		PM ₁₀	1.00	4.42
		PM _{2.5}	1.00	4.42
		SO ₂	0.01	0.03
		VOC	0.05	0.24
12	Crushing Operation (5)	PM	0.02	0.08
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
22	Board Dryer - Zone 1 Stack	CO	1.61	6.99
		HCHO	0.17	0.35
		NH ₃	5.14	22.51
		NO _x	1.92	8.37
		PM	0.15	0.03
		PM ₁₀	0.12	0.02
		PM _{2.5}	0.12	0.02
		SO ₂	0.02	0.05
		VOC	1.83	4.82
23	Board Dryer - Zone 2 Stack	CO	1.61	6.99
		HCHO	0.17	0.35
		NH ₃	5.14	22.51
		NO _x	1.92	8.37
		PM	0.15	0.03
		PM ₁₀	0.12	0.02
		PM _{2.5}	0.12	0.02
		SO ₂	0.02	0.05

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24	Board Dryer - Zone 3 Stack	VOC	1.83	4.82
		CO	1.61	6.99
		HCHO	0.17	0.35
		NH ₃	5.14	22.51
		NO _x	1.92	8.37
		PM	0.15	0.03
		PM ₁₀	0.12	0.02
		PM _{2.5}	0.12	0.02
		SO ₂	0.02	0.05
25	Board Dryer - Zone 4 Stack	VOC	1.83	4.82
		CO	1.61	6.99
		HCHO	0.17	0.35
		NH ₃	5.14	22.51
		NO _x	1.92	8.37
		PM	0.15	0.03
		PM ₁₀	0.12	0.02
		PM _{2.5}	0.12	0.02
		SO ₂	0.02	0.05
MHFUG	Material Handling (5) (6)	VOC	1.83	4.82
		PM	0.01	0.06
		PM ₁₀	0.01	0.03
SPFUG	Aggregate Stockpiles (5)	PM _{2.5}	0.01	0.03
		PM	--	0.72
		PM ₁₀	--	0.36
		PM _{2.5}	--	0.36

(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) CO - carbon monoxide

HCHO - formaldehyde

NH₃ - ammonia

NO_x - total oxides of nitrogen

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} - total particulate matter equal to or less 2.5 microns in diameter

SO₂ - sulfur dioxide

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VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

- (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) Includes emissions from hopper loading and single conveyor drop point.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: October 30, 2015