

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5089

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 (4) *	
			lbs/hour	TPY
PIT-3	Receiving Pit No. 3	PM	12.75	--
		PM ₁₀	1.88	--
PIT-4	Receiving Pit No. 4	PM	46.75	--
		PM ₁₀	6.88	--
	Total Receiving Operations	PM	--	3.40
		PM ₁₀	--	0.50
C3	Pit No. 3 Cleaner	PM	3.75	--
		PM ₁₀	0.95	--
CYC-4	Pit No. 4 Cleaner Cyclone	PM	0.94	--
		PM ₁₀	0.24	--
	Total Cleaning Operations	PM	--	4.50
		PM ₁₀	--	1.14
DRY-PIT3	Pit No. 3 Dryer	PM	0.35	--
		PM ₁₀	0.19	--
		SO ₂	< 0.01	--
		NO _x	0.40	--
		CO	0.34	--
		VOC	0.02	--
DRY-PIT4	Pit No. 4 Dryer	PM	0.88	--
		PM ₁₀	0.48	--
		SO ₂	0.01	--
		NO _x	1.21	--

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		CO	1.02	--
		VOC	0.07	--
	Total Drying Operations	PM	--	0.51
		PM ₁₀	--	0.32
		SO ₂	--	0.01
		NO _x	--	1.69
		CO	--	1.42
		VOC	--	0.09
L3	Pit No. 3 Storage Building Loadout	PM	6.45	--
		PM ₁₀	2.18	--
L4	Pit No. 4 Loadout (Spout Nos. 1 through 12 and Auger Conveyor)	PM	25.03	--
		PM ₁₀	8.44	--
	Total Loadout Operations (EPNs L3 and L4)	PM	--	1.72
		PM ₁₀	--	0.58
LT3	Pit No. 3 Cleaner Trash Loadout	PM	0.03	0.03
		PM ₁₀	0.01	0.01
LT4	Pit No. 4 Cleaner Trash Loadout	PM	0.05	0.04
		PM ₁₀	0.02	0.01

- (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
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
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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- * Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Date: January 31, 2013