

Emission Sources – Maximum Allowable Emission Rates

Permit Number 55000

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 (5)	
			lbs/hour	TPY (4)
Receiving Operations				
P1	Truck Receiving Pit P1	PM	3.81	1.70
		PM ₁₀	0.56	0.25
		PM _{2.5}	0.09	0.04
P2	Truck Receiving Pit P2	PM	3.81	1.70
		PM ₁₀	0.56	0.25
		PM _{2.5}	0.09	0.04
P3	Truck Receiving Pit P3	PM	4.76	1.70
		PM ₁₀	0.70	0.25
		PM _{2.5}	0.12	0.04
P4	Truck Receiving Pit P4	PM	4.76	1.70
		PM ₁₀	0.70	0.25
		PM _{2.5}	0.12	0.04
	Total Truck Receiving Operations	PM	--	1.70
		PM ₁₀	--	0.25
		PM _{2.5}	--	0.04
Cleaner				
	Cleaner	PM	6.30	0.19
		PM ₁₀	1.60	0.05
		PM _{2.5}	0.78	0.02
Dryer Operations				
D1	Dryer No. 1	PM	18.57	11.10
		PM ₁₀	4.71	2.86
		PM _{2.5}	0.87	0.57

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		SO ₂	0.06	0.08
		NO _x	1.63	2.04
		CO	0.94	1.18
		VOC	0.13	0.16
D2	Dryer No. 2	PM	18.71	11.29
		PM ₁₀	4.85	3.04
		PM _{2.5}	1.01	0.75
		SO ₂	0.16	0.20
		NO _x	4.26	5.33
		CO	2.46	3.07
		VOC	0.33	0.41
	Total Dryer Operations	PM	--	11.29
		PM ₁₀	--	3.04
		PM _{2.5}	--	0.75
		SO ₂	--	0.20
		NO _x	--	5.33
		CO	--	3.07
		VOC	--	0.41
Loadout Operations				
L1	Loadout No. 1	PM	12.04	8.60
		PM ₁₀	4.06	2.90
		PM _{2.5}	0.69	0.49
L2	Loadout No. 2	PM	12.04	8.60
		PM ₁₀	4.06	2.90
		PM _{2.5}	0.69	0.49
L3	Loadout No. 3	PM	12.04	8.60
		PM ₁₀	4.06	2.90
		PM _{2.5}	0.69	0.49
L4	Loadout No. 4	PM	4.82	8.60
		PM ₁₀	1.62	2.90
		PM _{2.5}	0.27	0.49
L5	Loadout No. 5	PM	12.04	8.60
		PM ₁₀	4.06	2.90

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		PM _{2.5}	0.69	0.49
L6	Loadout No. 6	PM	12.04	8.60
		PM ₁₀	4.06	2.90
		PM _{2.5}	0.69	0.49
L7	Loadout No. 7	PM	12.04	8.60
		PM ₁₀	4.06	2.90
		PM _{2.5}	0.69	0.49
L8	Loadout No. 8	PM	4.82	8.60
		PM ₁₀	1.62	2.90
		PM _{2.5}	0.27	0.49
L9	Loadout No. 9	PM	4.82	8.60
		PM ₁₀	1.62	2.90
		PM _{2.5}	0.27	0.49
L10	Loadout No. 10	PM	24.08	8.60
		PM ₁₀	8.12	2.90
		PM _{2.5}	1.37	0.49
L11	Loadout No. 11	PM	24.08	8.60
		PM ₁₀	8.12	2.90
		PM _{2.5}	1.37	0.49
L12	Loadout No. 12	PM	24.08	8.60
		PM ₁₀	8.12	2.90
		PM _{2.5}	1.37	0.49
	Total Loadout Operation	PM	--	8.60
		PM ₁₀	--	2.90
		PM _{2.5}	--	0.49

- (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 - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a twelve month rolling period.

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- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date March 4, 2015