

Emission Sources - Maximum Allowable Emission Rates

Permit Number 21318

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	
			lbs/hour	TPY (4)
TReceive 1	Truck Receiving Hopper	PM	2.38	3.40
		PM ₁₀ /PM _{2.5}	0.35	0.50
RReceive 1	Railcar Receiving Hopper No. 1	PM	1.19	3.40
		PM ₁₀ /PM _{2.5}	0.18	0.50
RReceive 2	Railcar Receiving Hopper No. 2	PM	1.19	3.40
		PM ₁₀ /PM _{2.5}	0.18	0.50
	Total Receiving Operations (TReceive 1, RReceive 1, and RReceive 2)	PM	--	3.40
		PM ₁₀ /PM _{2.5}	--	0.50
Scrub1	Scrubber No. 1 Stack (Whole Grain Hammermill Bagfilter, Regrind Hammermill No. 1 Bagfilter, Extruder No. 1 Cyclone, and Dryer-Cooler No. 1 Cyclone)	PM	0.10	0.24
		PM ₁₀ /PM _{2.5}	0.08	0.19
		SO ₂	0.01	0.01
		NO _x	0.79	1.42
		CO	0.66	1.19
		VOC	0.04	0.08
Scrub2	Scrubber No. 2 Stack (Regrind Hammermill No. 2 Bagfilter, Extruder No. 2 Cyclone, and Dryer-Cooler No. 2 Cyclone)	PM	0.24	0.55
		PM ₁₀ /PM _{2.5}	0.21	0.44
		SO ₂	0.01	0.02
		NO _x	2.27	4.09
		CO	1.91	3.43

Emission Sources - Maximum Allowable Emission Rates

		VOC	0.12	0.22
TLoadout 1	Truck Loadout No. 1	PM	0.33	0.66
		PM ₁₀ /PM _{2.5}	0.08	0.16
TLoadout 2	Truck Loadout No. 2	PM	0.33	0.66
		PM ₁₀ /PM _{2.5}	0.08	0.16
RLoadout 1	Railcar Loadout No. 1	PM	0.17	0.66
		PM ₁₀ /PM _{2.5}	0.04	0.16
RLoadout 2	Railcar Loadout No. 2	PM	0.17	0.66
		PM ₁₀ /PM _{2.5}	0.04	0.16
	Total Loadout Operations (TLoadout 1, TLoadout 2, RLoadout 1, RLoadout 2)	PM	--	0.66
		PM ₁₀ /PM _{2.5}	--	0.16
Boiler 1	Boiler No. 1 Stack	PM/PM ₁₀ /PM _{2.5}	0.08	0.15
		SO ₂	0.01	0.01
		NO _x	1.05	2.00
		CO	0.88	1.68
		VOC	0.06	0.11
Boiler 2	Boiler No. 2 Stack	PM/PM ₁₀ /PM _{2.5}	0.11	0.20
		SO ₂	0.01	0.02
		NO _x	0.37	0.71
		CO	1.17	2.24
		VOC	0.17	0.33

Emission Sources - Maximum Allowable Emission Rates

- (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)

PM	-	total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	-	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
SO ₂	-	sulfur dioxide
NO _x	-	total oxides of nitrogen
CO	-	carbon monoxide
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.

Dated December 6, 2011