Emission Sources - Maximum Allowable Emission Rates

Permit Number 73460

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)
RP-1	Truck Receiving Pit	PM	2.55	--
		PM_{10}	0.38	--
RP-2	Truck Receiving Pit	PM	2.55	--
		PM_{10}	0.38	--
RP-3	Truck Receiving Pit	PM	2.55	--
		PM_{10}	0.38	--
RP-4	Truck Receiving Pit	PM	2.55	--
		PM_{10}	0.38	--
RP-5	Truck Receiving Pit	PM	2.55	--
		PM_{10}	0.38	--
RP-6	Truck Receiving Pit	PM	2.55	--
		PM_{10}	0.38	--
RP-7	Truck Receiving Pit	PM	2.55	--
		PM_{10}	0.38	--
	Total Receiving Operations	PM	--	0.48
		PM_{10}	--	0.07
C-1	Headhouse No. 1 Cyclone (Top Belt Transfer From Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-2	Headhouse No. 1 Cyclone (Tunnel Belt Transfer to Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-3	Headhouse No. 2 Cyclone (Tunnel Belt Transfer From Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10

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C-4	Headhouse No. 2 Cyclone (Tunnel Belt Transfer to Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-5	Headhouse No. 2 Cyclone (Tunnel Belt Transfer From Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-6	Headhouse No. 2 Cyclone (Tunnel Belt From Pit)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-7	Headhouse No. 2 Cyclone (Top Belt South)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-8	Headhouse No. 2 Cyclone (Top Belt North)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-9	Headhouse No. 3 Cyclone (Transfer Belt From Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-10	Headhouse No. 3 Cyclone (Tunnel Belt)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-11	Headhouse No. 3 Cyclone (Tunnel Belt)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-12	Headhouse No. 3 Cyclone (Tunnel Belt)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-13	Headhouse No. 4 Cyclone (Top Belt Transfer From Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-14	Headhouse No. 4 Cyclone (Tunnel Belt Transfer)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-15	Headhouse No. 4 Cyclone (Top Belt)	PM	5.49	0.17
		PM_{10}	3.06	0.10
C-16	Headhouse No. 4 Cyclone (Belt Transfer to Leg)	PM	5.49	0.17
		PM_{10}	3.06	0.10

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C-17	Headhouse No. 4 Cyclone (Top Belt Transfer)	PM	5.49	0.17
		PM_{10}	3.06	0.10
D-1	Dryer	PM	19.97	6.22
		PM_{10}	5.12	1.60
		CO	1.87	0.67
		NO_x	2.23	0.80
		SO_2	< 0.01	< 0.01
		VOC	0.12	0.04
L-1	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-2	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-3	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-4	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-5	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-6	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-7	Railcar Loadout	PM	0.86	--
		PM_{10}	0.29	--
L-8	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-9	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-10	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-11	Truck Loadout	PM	1.29	--

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		PM_{10}	0.44	--
L-12	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-13	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-14	Railcar Loadout	PM	0.86	--
		PM_{10}	0.29	--
L-15	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-16	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-17	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-18	Railcar Loadout	PM	0.86	--
		PM_{10}	0.29	--
L-19	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
L-20	Truck Loadout	PM	1.29	--
		PM_{10}	0.44	--
	Total Loadout Operations	PM	--	0.24
		PM_{10}	--	0.08

(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 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
SO_2 - sulfur dioxide
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.

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

Date: October 30, 2012