Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 8518 and PSDTX370M3

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 (6)	
			lbs/hour	TPY (4)
0600	Cutting Area (5)	VOC (mineral spirits)	31.91	49.43
10	Glass Furnace Stack	PM	25.00	110.00
		PM_{10}	25.00	110.00
		$PM_{2.5}$	25.00	110.00
		NO_x (7)	600.00	2630.00
		CO	2.60	11.39
		SO_2 (7)	100.00	438.00
		H_2SO_4	4.25	18.60
		VOC	2.60	11.39
		Pb	0.11	0.482
766 and 766A	Raw Materials Unload DC1 and DC1a Baghouse Stack	PM	0.31	1.35
		PM_{10}	0.31	1.35
		$PM_{2.5}$	0.31	1.35
767	Bulk Elevator Baghouse Stack	PM	0.04	0.19
		PM_{10}	0.04	0.19
		$PM_{2.5}$	0.04	0.19
767A	Bulk Elevator Baghouse Stack	PM	0.04	0.19
		PM_{10}	0.04	0.19
		$PM_{2.5}$	0.04	0.19

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768	Sand Storage Bin Baghouse Stack	PM	0.12	0.60
		PM_{10}	0.12	0.60
		$PM_{2.5}$	0.12	0.60
768A	Soda Ash Storage Bin Baghouse Stack	PM	0.12	0.60
		PM_{10}	0.12	0.60
		$PM_{2.5}$	0.12	0.60
768B	Limestone Storage Bin Baghouse Stack	PM	0.12	0.60
		PM_{10}	0.12	0.60
		$PM_{2.5}$	0.12	0.60
768C	Salt Cake, Limestone, Dolomite Storage Bin Baghouse Stack	PM	0.26	0.68
		PM_{10}	0.26	0.68
		$PM_{2.5}$	0.26	0.68
769	Cullet Storage Bin Baghouse Stack	PM	0.07	0.27
		PM_{10}	0.07	0.27
		$PM_{2.5}$	0.07	0.27
770	Cullet Elevator Baghouse Stack	PM	0.04	0.19
		PM_{10}	0.04	0.19
		$PM_{2.5}$	0.04	0.19
771	Cullet Crusher Surge Hopper Baghouse Stack	PM	0.20	0.87
		PM_{10}	0.20	0.87
		$PM_{2.5}$	0.20	0.87
771A	Cross County Cullet Conveyor Baghouse Stack	PM	0.20	0.87
		PM_{10}	0.20	0.87
		$PM_{2.5}$	0.20	0.87

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783	Sand Storage Bin No. 2 DC4 Baghouse Stack	PM	0.09	0.23
		PM_{10}	0.09	0.23
		$PM_{2.5}$	0.09	0.23
784	Sand Storage Bin No. 3 DC5 Baghouse Stack	PM	0.09	0.23
		PM_{10}	0.09	0.23
		$PM_{2.5}$	0.09	0.23
785	Cullet Return System Baghouse Stack	PM	0.73	3.19
		PM_{10}	0.73	3.19
		$PM_{2.5}$	0.73	3.19
786	Batch House Vacuum System Baghouse Stack	PM	0.09	0.25
		PM_{10}	0.09	0.25
		$PM_{2.5}$	0.09	0.25
788	Lehr Exhaust Stack	SO_2	5.25	23.00
F-1	Glass Rolls Lubricant (5)	SO_2	3.08	13.50
F-2	Tin Bath Losses (5)	PM	1.00	4.38
		PM_{10}	1.00	4.38
		$PM_{2.5}$	1.00	4.38

(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
SO_2 - sulfur dioxide
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
CO - carbon monoxide
H_2SO_4 - sulfuric acid
Pb - lead
(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.

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(6) Planned startup and shutdown emissions are included. Maintenance activities, except as specified in Special Condition No. 20, are not authorized by this permit and will need separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119.

(7) Compliance with hourly allowable emission rates in pounds per hour shall be based on a 30-day rolling average of the daily average values.

Date: December 15, 2016