

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20625

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. 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)	<u>Emission Rates</u>	
			lb/hr	TPY(4)
43, 48, and 54	Foam Pourline	TDI	0.291	0.291
		ABA	414.10	37.50
		ABA2	101.69	167.00
		Acetone	0.03	0.01
		VOC	3.44	3.18
101 and 102	Slabroom Stacks	TDI	0.01	0.044
		ABA	556.00	118.50
		ABA2	533.87	974.31
		Acetone	10.80	13.50
		Heptane	0.75	0.25
		VOC	26.53	46.03
90 and 91	Rebond Area	TDI/MDI	0.199	0.869
		Acetone	1.600	2.00
77 through 85 and 87, 88, and 89	Foam Grinding System, Four Storage Bins, and Two Cyclones	PM/PM ₁₀ /PM _{2.5}	0.63	0.76
W5.1, W5.2, W5.3, and W5.4	Four Baumer Fans	Acetone	8.00	10.00
		ABA	0.22	0.32
1, 23, 30, 31, 35, 47, 50, 106, 108, and 110	Railcar Loading, Lab Oven, Feed Tank, Barite Loading, and Two Hot Oil Laminators	TDI	0.003	0.002
		NO _x	0.01	0.01
		Acetone	0.83	1.01
		ABA	0.07	0.02
		Ozone	0.19	0.37
PWDR-1	Silo Bin Vent	PM/PM ₁₀ /PM _{2.5}	0.033	<0.01

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PWDR-2	Filter Receiver	PM/PM ₁₀ /PM _{2.5}	<0.01	<0.01
PWDR-3	Mix Tank from Receiver	PM/PM ₁₀ /PM _{2.5}	0.572	0.572
All EPNs	All Facilities	Individual HAP		<10.00
		Combined HAPs		<25.00

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
TDI - 2, 4- and 2, 6-toluene diisocyanate
ABA - auxiliary blowing agent which is a VOC
ABA2 - alternative auxiliary blowing agent which is a VOC
HAP - hazardous air pollutant as listed in Section 112(b) of the Federal Clean Air Act or as amended in Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits is based on a rolling 12-month period.