

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 27935

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)	Emission Rates *	
			lb/hr	TPY**
4	TG Boiler	Formaldehyde	1.00	3.00
		Methanol	1.10	3.50
		Phenol	0.50	1.00
		VOC	1.10	3.50
		NO _x	0.27	1.19
		CO	1.00	4.40
5	Cleaver Brooks	VOC	0.47	2.05
		NO _x	3.45	15.10
		SO _x	0.03	0.13
		PM	0.30	1.28
		CO	4.40	19.30
6	Superior Boiler	VOC	0.18	0.80
		NO _x	2.50	11.00
		SO _x	0.02	0.09
		PM	0.18	0.80
		CO	1.10	0.79
7	Phenol Storage Tank 1	Phenol	0.67	2.93
9	Methanol Storage	Methanol	0.56	1.83
14	Reactor 1 and 2 Urea BH Baghouse	PM	0.01	0.03
15	Reactor 3 BH Baghouse	PM	0.01	0.03
MEL_BH	Melamine Charge Solids	PM	0.10	0.45
HOP_BH	Sugar System	PM	0.08	0.36
WARE_FUG	Raw Material Dump Station	PM	0.06	0.26

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21	Resin Storage Tank Farm	Phenol	0.01	0.06
		Formaldehyde	0.04	0.18
PM_FUG	Site PM Fugitives	PM	0.10	0.44
VAP_BAL	Formaldehyde Truck and Rail Loading	Formaldehyde	0.26	0.04
11	Form Rlf	Formaldehyde	4.00	0.13
		Methanol	25.00	0.81
		VOC	50.00	2.40
		CO	40.00	1.30
FORM_FUG	Formaldehyde Fugitives	Formaldehyde	0.28	1.20
RES_FUG	Resin Production Fugitives	Formaldehyde	<0.01	0.03
		Phenol	<0.01	0.03
FM_CT	Formaldehyde Cooling Tower	Formaldehyde	0.11	0.02
		Methanol	0.06	0.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

SO_x - sulfur oxides

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.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

Dated April 1, 2002