

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19941

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. **(5/07)**

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
001V	AE Tank	VOC	0.15	0.99
011V	EMA Tank	VOC	0.05	0.34
021V	VNT Tank	VOC	0.01	0.01
031V	ST Tank	VOC	0.01	0.09
041V	EA Tank	VOC	0.01	0.16
051V	2-EHA Tank	VOC	0.01	0.01
061V	n-BMA Tank	VOC	0.01	0.03
071V	I-BMA Tank	VOC	0.01	0.01
081V	BA Tank	VOC	0.01	0.02
102V	MAA Tank	VOC	0.01	0.01
VENT1	Inside Monomers Tanks	VOC	0.09	0.22
VENT2	Reactor/Prepared Solution Tanks Vent/Pilot Plant	VOC	18.73	5.93
430F	BRG/BRT Process Dryer Baghouse Vent	PM/PM ₁₀	1.01	4.41
		VOC	1.01	4.41
480F	BRL Process Bin Vent	VOC	0.20	0.86
		PM/PM ₁₀	0.20	0.85

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
504F	BRL Process Bin Vent	VOC	0.06	0.28
527F	BRG Process Packaging Scale	VOC	0.17	0.75
FUGIT	Plant-Wide Fugitives (4)	PM/PM ₁₀	0.01	0.05
		VOC	6.06	
COOLTWR	Cooling Tower	VOC	0.11	0.26
BOILSTK	Boiler	PM/PM ₁₀	0.16	0.69
		VOC	0.11	0.50
		NO _x	0.76	3.31
		SO ₂	0.01	0.05
		CO	1.73	7.57
WWFUG	Wastewater	VOC	1.11	0.29

(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 § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM 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 8,756 Hrs/year

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

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

Dated May 15, 2007