

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 811B

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
1	Recycle Solvent Tank	Hexane	0.02	0.08
2A	Makeup Solvent Tank	Hexane	<0.01	0.45
2B	Solvent Holdup Tank	Hexane	0.19	0.67
3	Comonomer Storage Tank	Octene	0.23	0.03
4	Comonomer Storage Tank	Octene	0.27	0.07
7	Product Blender	Hexane	33.60	29.11
9	Catalyst Preparation Area	Hexane	2.46	1.02
11	Scrap Pellet Bin	Hexane	9.72	21.02
12	Flare	VOC	92.00	36.16
		CO	80.38	39.70
		NO _x	15.78	7.79
14	Fugitives (4)	VOC	17.21	75.39
16	Adsorber Bagfilter	PM ₁₀ Desiccant	0.26	1.16
165	Additive Bagfilter	PM ₁₀	0.04	0.16
17	Bagfilter	PM ₁₀ Polyethylene	1.50	6.26
19	Fuel Oil Tank	VOC	0.04	<0.01
200	Fluid Bed Dryer No. 1	Hexane	<0.01	<0.01
		PM Polyethylene	0.10	0.06

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
205	Fluid Bed Dryer No. 2	Hexane PM Polyethylene	<0.01 0.10	<0.01 0.06
210	Centrifugal Dryer No. 1	Hexane PM Polyethylene	0.11 0.29	0.21 0.33
220	Centrifugal Dryer No. 2	Hexane PM Polyethylene	0.11 0.29	0.21 0.33
230	Centrifugal Dryer No. 3	Hexane PM Polyethylene	0.17 0.43	0.32 0.50

(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 30 Texas Administrative Code Section 101.1

CO - carbon monoxide

NO_x - total oxides of nitrogen

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.

(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

Dated _____