

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29010

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)lb/hr	Emission Rates *	
			TPY	
BMA-1	Feedstock Storage Tank	VOC	0.22	0.80
BMA-2	Feedstock Storage Tank	VOC	0.22	0.80
BMA-3	Feedstock Storage Tank	VOC	0.053	0.18
BMA-4	Catalyst Storage	VOC	<0.01	<0.01
BMA-5	Catalyst Storage	VOC	<0.01	<0.01
BMA-9	Process Vessel	VOC	0.014	0.20
BMA-11	Process Vessel	VOC	0.011	0.06
BMA-13	Process Vessel	VOC	0.75	<0.01
BMA-15	Process Vessel	VOC	0.05	<0.01
BMA-16	Byproduct Storage Tank	VOC	1.38	0.68
BMA-17	BMA Flare	VOC	1.90	6.93
		NO _x	0.39	1.64
		CO	3.32	14.04
BMA-19	Product Storage Tank	VOC	0.10	0.45
BMA-20	Product Storage Tank	VOC	0.10	0.45
BMA-21	Bleed Stripper Bottoms Storage	VOC	0.01	0.02
BMA-23	Drain Tank	VOC	4.48	1.27
BMA-24	Feed Tank	VOC	0.01	0.06

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)lb/hr	<u>Emission Rates *</u>	
			TPY	
BMA-25	Recycle Tank	VOC	<0.01	<0.01
BMA-26	Product Loading	VOC	3.55	0.23
BMA-27	Stripper Bottoms Loading	VOC	1.78	<0.01
BMA-FUG	Fugitives (4)	VOC	2.50	10.96

(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 General Rule 101.1

NO_x - total oxides of nitrogen

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 Hrs/year 8,760

Dated _____