

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

673B

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
27	Pellet Bins	Ethylene	22.69	90.76
		PM	0.63	1.08
29	Flare	Ethylene	20.87	5.36
		Butane	0.02	0.05
		Butene	0.02	0.05
		NOx	1.03	0.27
		CO	7.43	1.94
30	Polyethylene Wax Blowdown	Ethylene	3.08	1.68
		Butane	0.02	0.01
		Butene	0.02	0.01
W	Cyclone Separator	VOC	<0.01	<0.01
		PM	3.46	12.35
32	Fugitives (4)	Ethylene	2.55	11.19
		Butane	0.01	0.06
		Butene	0.01	0.06
CT-1	Cooling Tower	Ethylene	0.29	1.12

- (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) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - 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:

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Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Revised _____