

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22110

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
130T-F402	Wastewater Tank	VOC	0.09	<0.01
130T-F604	PTBC Tank	PTBC	<0.01	<0.01
130T-F1201	PTBC Tank	PTBC	<0.01	<0.01
130T-F622	Acetonitrile Tank	ACN	5.82	0.09
130F	Process Fugitives (4)	VOC	20.30	88.90
130FL-Q502	Utilities Flare	VOC	48.07	59.01
		NO _x	3.42	4.08
		CO	15.96	19.54
130WF	Wastewater Losses (5)	VOC	-	-
		Acetone	-	-
116F-4	Refrigeration Compressor 2.14		VOC	0.49
116CT	Cooling Tower	VOC	0.67	2.94

(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

PTBC - p-tert-butylcatechol

ACN - acetonitrile

NO_x - total oxides of nitrogen

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CO - carbon monoxide

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

(5) This EPN represents emissions from the grandfathered wastewater collection system which are attributable to the Isoprene Unit. The Isoprene Unit discharges 28.14 TPY VOC and 8.90 TPY acetone into the wastewater collection system.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____