

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1829

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
U-5A	Initiator Mixing Tank	VOC	2.07	0.16
U-5B	Initiator Mixing Tank	VOC	2.07	0.16
U-6A	Initiator Mixing Tank	VOC	2.19	0.10
U-6B	Initiator Mixing Tank	VOC	2.19	0.10
U-8A	Initiator Mixing Tank	VOC	4.37	0.13
U-8B	Initiator Mixing Tank	VOC	4.37	0.13
U-15	Initiator Mixing Tank	VOC	0.82	0.04
EP-5	Oxidizer Vent	VOC	3.6	15.7
		PM	1.57	6.88
F-EP-9	Piping Fugitives (4)	VOC	17.64	77.28
EP-10	Flare	NO _x	13.56	0.48
		CO	97.95	3.50
		VOC	135.34	3.02
EP-22	Priller Vent	VOC	0.03	0.14
EP-23	Priller Vent	VOC	0.03	0.14
EP-24	Priller Vent	VOC	0.03	0.14

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
EP-28	Atomizer	PM	5.00	21.90
EP-31	Acrylic Acid Storage	VOC	2.21	0.09
EP-35	Reflux Condenser Vent	VOC	0.19	0.84
EP-36	New Reflux Condenser Vent 0.84	VOC		0.19
EP-38	Packaging Baghouse	PM	0.24	0.71
EP-40	Atomizer	PM	3.50	15.33
EP-41	New Recycled IPA Storage Scrubber	VOC	1.42	0.07
PRPP	Pilot Plant	VOC	2.00	5.00

(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

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.

CO - carbon monoxide

NO_x - total oxides of nitrogen

(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

Permit No. 1829
Page 3

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

following maximum operating schedule:

Hrs/day _____ Days/week _____ Weeks/year _____ or Hrs/year 8,760

Dated _____