

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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	1.54	0.19
U-5B	Initiator Mixing Tank	VOC	1.54	0.19
U-6A	Initiator Mixing Tank	VOC	1.09	0.11
U-6B	Initiator Mixing Tank	VOC	1.09	0.11
U-8A	Initiator Mixing Tank	VOC	1.38	0.14
U-8B	Initiator Mixing Tank	VOC	1.38	0.14
U-15	Initiator Mixing Tank	VOC	1.03	0.20
EP-5	Oxidizer Vent	VOC	8.0	35.04
		PM	3.83	16.78
F-EP-9	Piping Fugitives (4)	VOC	21.10	79.31
EP-10	Flare	CO	97.64	2.18
		NO _x	13.52	0.30
		VOC	135.00	2.93
EP-22	Priller Vent	VOC	0.04	0.15
EP-23	Priller Vent	VOC	0.04	0.15
EP-24	Priller Vent	VOC	0.04	0.15
EP-28	Atomizer	PM	4.64	17.88
EP-35	Reflux Condenser Vent	VOC	0.20	0.87

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			lb/hr	TPY **
EP-36	Reflux Condenser Vent	VOC	0.20	0.87
EP-38	Packaging Baghouse	PM	0.14	0.63
EP-40	Atomizer	PM	4.64	17.88
EP-41	Water Scrubber	VOC	0.14	0.09
PRPP	Pilot Plant	VOC	2.00	6.00
PRPP-1	New Pilot Plant	VOC	2.00	6.00
33	New Vinyl Acetate Tank	VOC	1.45	1.00
U-955	Catalyst Tank	VOC	0.01	0.01
PRPPF-1	PRPP Filter Receiver 1	PM	0.90	0.26
PRPPF-2	PRPP Filter Receiver 2	PM	0.90	0.26
CTWR	Cooling Tower (4)	VOC	0.14	0.63
U3	Isopropyl Alcohol Tank	VOC	0.06	0.08
72	U-72 Silo	PM	2.40	7.20

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources use area name or fugitive source name.

(3) 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 in emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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

Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

* 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

** Compliance with annual emission limits is based on a rolling 12-month period.