

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19074

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 Contaminant Point No. (1)	Source	Emission Rates *		Air
	Name (2)			Name
	(3)	lb/hr	TPY	
VS-65	EVOH Flare	CO	34.5	20.21
		NO _x	2.40	1.40
		VOC	21.41	12.50
VS-66	Emergency Tank Vent	VOC	<0.01	<0.01
VS-68	No. 2 Extraction System Vent	VOC	0.43	0.73
VS-69	No. 1 Centrifuge Vent	VOC	0.25	0.02
VS-72	No. 2 Dryer Vent	PM ₁₀	0.02	<0.01
		VOC	0.40	1.80
VS-77	Extraction Water Tank Vent	VOC	<0.01	<0.01
VS-78	Centrate Tank Vent	VOC	<0.01	<0.01
VS-85	Product Hopper Vent	PM ₁₀	<0.01	<0.01
VS-92	No. 2 Packaging Air Vent	PM ₁₀	<0.01	<0.01
VS-93	Fugitives (4)	VOC	2.46	10.75
VS-98	No. 1 Chemical Treatment Tank Vent	VOC	<0.01	<0.01
VS-99	No. 2 Chemical Treatment Tank Vent	VOC	<0.01	<0.01
VS-102	HQ Addition	PM ₁₀	<0.01	<0.01
VS-103	Catalyst Silo Bag	PM ₁₀	0.02	<0.01

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

Filter Vent

VS-105	Seal Oil Tank	VOC	0.04	<0.01
VS-106	Refrigerate Unit Tank	VOC	1.1	<0.01
VS-107	Refrigerate Unit Tank	VOC	0.55	<0.01
VS-112	Central Vacuum System	PM ₁₀	<0.01	<0.01
VS-113	Product Hopper Maintenance Vent	PM ₁₀	<0.01	<0.01
VS-114	Product Recovery Vent	PM ₁₀	<0.01	<0.01
VS-118	Wastewater Tank	VOC	0.02	0.06
VS-127	Water Bath Scrubber Vent	VOC	0.32	1.40
VS-129	Slurry Tank Vent	VOC	0.04	<0.01
VS-137	No. 1 Lubricator Tank Vent	VOC	<0.01	<0.01
VS-139	No. 2-A Lubricator Tank Vent	VOC	<0.01	<0.01
VS-141	No. 2-B Lubricator Tank Vent	VOC	<0.01	<0.01
Bld Fugitives	Water Baths (5)	VOC	0.14	0.60

(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) PM₁₀ - particulate matter less than 10 microns
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.

(5) This source includes only the Water Baths No. 1 thru No. 4.

* 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 _____