

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 * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
VS-65	EVOH Flare	CO	14.33	8.01
		NO _x	7.18	4.01
		VOC	38.02	17.23
VS-68	Extraction System Vent	VOC	5.06	0.02
VS-68-1	Extraction System Vent	VOC	5.06	0.02
VS-69	No. 1 Surge Tank Vent	VOC	1.11	<0.01
VS-69-1	No. 1 Surge Tank Vent	VOC	1.11	<0.01
VS-72	Fluidized Bed Dryer Vent	PM ₁₀	0.04	0.17
		VOC	0.40	1.75
VS-72-1	Fluidized Bed Dryer Vent	PM ₁₀	0.04	0.17
		VOC	0.40	1.75
VS-73	Hopper Dryer Bagfilter	PM ₁₀	<0.01	<0.01
VS-77	Extraction Water Tank Vent <0.01		VOC	<0.01
VS-77-1	Extraction Water Tank Vent <0.01		VOC	<0.01
VS-78	Centrate Tank Vent	VOC	<0.01	<0.01
VS-78-1	Centrate Tank Vent	VOC	<0.01	<0.01

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			lb/hr	TPY
VS-85	Product Hopper Vent	PM ₁₀	<0.01	<0.01
VS-92	Aspirator Cyclone Bagfilter Vent	PM ₁₀	<0.01	<0.01
VS-92-1	Aspirator Cyclone Bagfilter Vent	PM ₁₀	<0.01	<0.01
VS-93	Fugitives (4)	VOC	5.47	23.97
VS-98	No. 1 Chemical Treatment Tank Vent	VOC	<0.01	<0.01
VS-98-1	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-99-1	No. 2 Chemical Treatment Tank Vent	VOC	<0.01	<0.01
VS-102	Hydroquinone Addition Tank Vent	PM ₁₀	<0.01	<0.01
VS-103	Caustic Silo Bag Filter Vent	PM ₁₀	0.02	0.09
VS-105	Seal Oil Tank	VOC	<0.01	<0.01
VS-105-1	Seal Oil Tank	VOC	<0.01	<0.01
VS-106	Refrigerator Unit Tank Vent <0.01		VOC	4.04
VS-107	Refrigerator Unit Tank Vent		VOC	0.55

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			lb/hr	TPY
	<0.01			
VS-112	Central Vacuum System Vent <0.01		PM ₁₀	<0.01
VS-113	Product Hopper Dust Collector 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-119 to VS-122	Water Baths Nos. 1 to 4 Vents (5)	VOC	0.52	2.06
VS-119-1 to VS-122-1	Water Baths Nos. 1 to 4 Vents (5)	VOC	0.52	2.06
VS-127	Water Bath Scrubber Vent	VOC	0.35	1.40
VS-127-1	Water Bath Scrubber Vent	VOC	0.35	1.40
VS-129	Slurry Tank Vent	VOC	0.05	<0.01
VS-129-1	Slurry Tank Vent	VOC	0.05	<0.01
VS-137	No. 1 Lubricator Tank Vent <0.01		VOC	<0.01
VS-137-1	No. 1 Lubricator Tank Vent <0.01		VOC	<0.01
VS-139	No. 2-A Lubricator Tank Vent <0.01		VOC	<0.01

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			<u>lb/hr</u>	<u>TPY</u>
VS-141	No. 2-B Lubricator Tank Vent <0.01		VOC	<0.01
VS-143	EVOH Filters Fugitives (4) 0.06		VOC	2.35
VS-143-1	EVOH Filters Fugitives (4) 0.06		VOC	2.35
VS-145	Stripper Bottom Fugitives (4) 0.04		VOC	1.39
VS-145-1	Stripper Bottom Fugitives (4) 0.04		VOC	1.39

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- (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 Nos. 1 through 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 _____