

## 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	34.5	20.21
		NO <sub>x</sub>	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 0.73		VOC	0.43
VS-69	No. 1 Centrifuge Vent	VOC	0.25	0.02
VS-72	No. 2 Dryer Vent	PM <sub>10</sub>	0.02	<0.01
		VOC	0.40	1.80
VS-73	Hopper Dryer Bagfilter	PM <sub>10</sub>	<0.01	<0.01
VS-77	Extraction Water Tank Vent <0.01		VOC	<0.01
VS-78	Centrate Tank Vent	VOC	<0.01	<0.01
VS-85	Product Hopper Vent	PM <sub>10</sub>	<0.01	<0.01
VS-92	No. 2 Packaging Air Vent	PM <sub>10</sub>	<0.01	<0.01
VS-93	Fugitives (4)	VOC	2.46	10.75
VS-98	No. 1 Chemical Treatment	VOC	<0.01	<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
	Tank Vent			
VS-99	No. 2 Chemical Treatment Tank Vent	VOC	<0.01	<0.01
VS-102	HQ Addition	PM <sub>10</sub>	<0.01	<0.01
VS-103	Catalyst Silo Bag Filter Vent	PM <sub>10</sub>	0.02	0.09
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 <sub>10</sub>	<0.01	<0.01
VS-113	Product Hopper Maintenance Vent	PM <sub>10</sub>	<0.01	<0.01
VS-114	Product Recovery Vent	PM <sub>10</sub>	<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) 3.96	VOC		1.23
VS-127	Water Bath Scrubber Vent	VOC	1.60	7.00
VS-129	Slurry Tank Vent	VOC	0.04	<0.01
VS-137	No. 1 Lubricator Tank Vent <0.01		VOC	<0.01

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VS-139	No. 2-A Lubricator Tank Vent <0.01	VOC	<0.01
VS-141	No. 2-B Lubricator Tank Vent <0.01	VOC	<0.01
VS-143	EVOH Filters Fugitives	VOC	2.35 0.06
VS-145	Stripper Bottom Fugitives	VOC	1.39 0.04

(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) PM<sub>10</sub> - particulate matter less than 10 microns  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - 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

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Dated\_\_\_\_\_