

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8687

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
BDP1	Containers	PM <sub>10</sub> (Organic Acid L)	0.05	0.06
BDP1A	Bin Filter	PM <sub>10</sub> (Organic Acid L)	0.05	0.06
BDP2	Reactor 210	Organic Acid L	0.04	0.02
BDP3	Storage Tank 121	VOC	0.26	<0.01
BDP4	Storage Tank 131	VOC	0.60	0.05
BDP5	Storage Tank 141	Organic Acid E	2.71	0.17
BDP6	Storage Tank 136	VOC	1.60	0.26
BDP7	Storage Tank 142	Organic Acid E	2.71	0.53
BDP8	Acid Scrubber 176	Inorganic Acid F	0.48	0.03
BDP9	Acid Scrubber 320	Inorganic Acid F	0.48	0.03
BDP10	Acid Scrubber 337	Inorganic Acid F	<0.01	<0.01
		CO	0.22	0.77
BDP11	Hold Tanks 370, 371, and 372 <0.01		VOC	<0.01
BDP12	Storage Tank 156	VOC	0.32	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
BDP13	Storage Tank 166	Organic Acid J	<0.01	<0.01
BDP14	Weigh Tank 400	Organic Acid J	<0.01	<0.01
BDP15	Weigh Tank 402	VOC	0.25	0.02
BDP16A	Blend Tank 405	VOC	0.02	0.04
BDP16B	Blend Tank 406	VOC	0.02	0.04
BDP16C	Blend Tank 407	VOC	0.02	0.04
BDP16D	Salt Solution Tank 373	Inorganic	<0.01	<0.01
BDP17	Storage Tank 111	Inorganic R	<0.01	<0.01
BDP18	Storage Tank 116	Inorganic Base D	<0.01	<0.01
BDP 19	Storage Tank 171	Inorganic Acid G	<0.01	<0.01
BDP21	Storage Tank 161	Inorganic Base C	<0.01	<0.01
BDP25	Utility Tank 415	Inorganic	<0.01	<0.01
BDP26	Utility Tank 417	Inorganic	<0.01	<0.01
BDP27	Storage Tank 126	VOC	0.76	0.01
BDP29	Storage Tank 179	VOC	0.60	0.02
BDP33	Process Area Vent Hoods	VOC	0.69	0.08
Stack 1	SVG Boiler	VOC	1.22	4.05
		NO <sub>x</sub>	11.90	52.10
		CO	2.93	12.80

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		PM <sub>10</sub>	1.42	6.20
		SO <sub>2</sub>	6.20	27.10
		HCL	0.04	0.17
		HF	0.04	0.14
		Organic Acid E	0.35	1.15
Stack 2	SVG Cold Stack	EMERGENCY USE ONLY		
BDP36	Packaging	VOC	0.02	0.01
BDP37	Fugitives	VOC	0.46	2.02
BDP38	Water Treatment Storage Tank <0.01		VOC	<0.01

- (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
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
  - PM<sub>10</sub> - 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.
  - HCl - hydrogen chloride
  - HF - hydrogen fluoride
- (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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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 8,760 Hrs/year

Dated \_\_\_\_\_