

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

S-18629

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
F-2.4	Filling Operations			NH3	0.09	0.01
				Cl	0.14	0.05
				SO2	0.06	0.02
V-40.1	Drumming			Cl	<0.01	<0.01
				VOC	7.23	0.08
				Inorganic	7.89	0.37
F-2.5	Tank Truck Loading			Cl	<0.01	<0.01
				Inorganic	1.13	0.08
S-1	Packed Bed Scrubbers			VOC	2.78	0.04
				Inorganic	0.11	0.04
T-318	Storage Tank			Inorganic	<0.01	<0.01
T-317	Storage Tank			Inorganic	0.01	0.02
T-300	Storage Tank			Inorganic	0.01	0.05
P-320	Storage Tank			Inorganic	0.02	0.09
T-309	Storage Tank			VOC	<0.01	<0.01
T-312	Storage Tank			Inorganic	<0.01	0.01
T-311	Storage Tank			Inorganic	<0.01	0.02
T-310	Storage Tank			Inorganic	<0.01	0.02
T-411	Storage Tank			Inorganic	0.01	0.02

T-410	Storage Tank	Inorganic	<0.01	0.01
T-305	Storage Tank	Cl	<0.01	<0.01
T-404	Storage Tank	Cl	<0.01	<0.01
T-406	Storage Tank	Cl	<0.01	<0.01

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
T-407	Storage Tank			Cl	<0.01	<0.01
T-408	Storage Tank			Cl	<0.01	<0.01
T-403	Storage Tank			Cl	<0.01	<0.01
T-413	Storage Tank			Cl	<0.01	<0.01
P-322	Storage Tank			Cl	<0.01	<0.01
P-418	Storage Tank			Cl	<0.01	<0.01
P-419	Storage Tank			Cl	<0.01	<0.01
P-420	Bleach Reactor			Cl	<0.01	<0.01
P-421	Bleach Reactor			Cl	<0.01	<0.01
T-401	Bleach Reactor			Cl	<0.01	<0.01
T-402	Bleach Reactor			Cl	<0.01	<0.01
T-314	Storage Tank			VOC	<0.01	<0.01
T-416	Storage Tank			Inorganic	<0.01	<0.01
T-415	Sodium Sulfite Reactor			Inorganic	<0.01	<0.01
P-422	Sodium Sulfite Reactor			Inorganic	<0.01	<0.01
P-423	Sodium Bisulfite Reactor			Inorganic	<0.01	0.01
T-301	Wastewater Tank			VOC	<0.01	<0.01
T-200	Wastewater Tank			VOC	<0.01	<0.01
T-412	Wastewater Tank			Inorganic	<0.01	<0.01
T-414	Wastewater Tank			Inorganic	<0.01	<0.01
T-302	Wastewater Tank			VOC	<0.01	<0.01

P-425	Wastewater Tank	Inorganic	<0.01	<0.01
F-3	Gas Building Fugitives (4)	NH3	0.17	0.75
		Cl	0.09	0.41
		SO2	0.17	0.75

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
F-1.2	Tank Farm Fugitives (4)		NH3		0.03	0.12
			Cl		0.11	0.48
			SO2		0.04	0.18
			VOC		0.32	1.42
			Inorganic		2.42	7.89

- (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) NH3 - ammonia
Cl - chlorine
SO2 - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1.
Inorganic - inorganic chemicals including (but not limited to) sodium hypochlorite, hydrogen peroxide, sulfuric acid, and sodium hydroxide.
- (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 following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated_____