

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Special Permit Number 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 Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	
	TPY **			
F-2.4	Filling Operations	NH <sub>3</sub>	0.09	0.01
		Cl <sub>2</sub>	0.14	0.05
		SO <sub>2</sub>	0.06	0.02
V-40.1	Drumming	Cl <sub>2</sub>	<0.01	<0.01
		VOC	7.23	0.08
		Inorganic	7.89	0.37
F-2.5	Tank Truck Loading	Cl <sub>2</sub>	<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	Inorganic	0.03	0.12
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

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	TPY **			
T-410	Storage Tank	Inorganic	<0.01	0.01
T-305	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
T-404	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
T-406	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
T-407	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
T-408	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
T-403	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
T-413	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
P-418	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
P-419	Storage Tank	Cl <sub>2</sub>	<0.01	<0.01
P-420	Bleach Reactor	Cl <sub>2</sub>	<0.01	<0.01
P-421	Bleach Reactor	Cl <sub>2</sub>	<0.01	<0.01
T-401	Bleach Reactor	Cl <sub>2</sub>	<0.01	<0.01
T-402	Bleach Reactor	Cl <sub>2</sub>	<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

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	TPY **			
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)	NH <sub>3</sub>	0.17	0.75
		Cl <sub>2</sub>	0.09	0.41
		SO <sub>2</sub>	0.17	0.75
F-1.2	Tank Farm Fugitives (4)	NH <sub>3</sub>	0.03	0.12
		Cl <sub>2</sub>	0.11	0.48
		SO <sub>2</sub>	0.04	0.18
		VOC	0.32	1.42
		Inorganic	2.42	7.89
V-2	Storage Tank	NH <sub>4</sub> OH	0.09	0.39
V-3	Wastewater Tank	Inorganic	0.14	0.60
V-4	Repackaging Emissions	NH <sub>4</sub> OH	0.02	0.11
V-5	Filling Operations	NH <sub>3</sub>	0.01	0.02
F-1.1	Gas Building Fugitives (4)	NH <sub>3</sub>	0.10	0.45
F-2.1	Tank Farm Fugitives (4)	NH <sub>4</sub> OH	0.01	0.03

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	TPY **			
F-2.2	Wastewater Fugitives (4)	Inorganic	<0.01	<0.01
T-409	Storage Tank	Propylene glycol	<0.01	<0.01
V-41	Surface Coating Operations	VOC	2.69	11.80

(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) Cl<sub>2</sub> - chlorine

Inorganic - inorganic chemicals including (but not limited to) sodium hypochlorite, hydrogen peroxide, sulfuric acid, and sodium hydroxide

NH<sub>3</sub> - ammonia

NH<sub>4</sub>OH - ammonium hydroxide

SO<sub>2</sub> - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(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

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 29, 2006