

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

[275633]

Permit No. S-18629

[Obsolete MAERT. Abandoned on July 28, 2006 due applicants failure to supply supporting data for new rates and EPN designations. Instead, renewal will be based on previous EPNs and rates.]

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 ₃	0.09	0.01
		Cl ₂	0.14	0.05
		SO ₂	0.06	0.02
V-40.1	Drumming	Cl ₂	<0.01	<0.01
		VOC	7.23	0.08
		Inorganic	7.89	0.37
F-2.5	Tank Truck Loading	Cl ₂	<0.01	<0.01
		Inorganic	1.13	0.08
S-1	Packed Bed Scrubbers	VOC	2.78	0.04
		Inorganic	0.11	0.04
[Unchanged due to lack of data supporting a change.]				
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

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			lb/hr	
	TPY **			
T-411	Storage Tank	Inorganic	0.01	0.02
T-410	Storage Tank	Inorganic	<0.01	0.01
T-305	Storage Tank	Cl ₂	<0.01	<0.01
T-404	Storage Tank	Cl ₂	<0.01	<0.01
T-406	Storage Tank	Cl ₂	<0.01	<0.01
T-407	Storage Tank	Cl ₂	<0.01	<0.01
T-408	Storage Tank	Cl ₂	<0.01	<0.01
T-403	Storage Tank	Cl ₂	<0.01	<0.01
T-413	Storage Tank	Cl ₂	<0.01	<0.01
P-322	Storage Tank	Cl ₂	<0.01	<0.01
[Deleted as you represented.]				
P-418	Storage Tank	Cl ₂	<0.01	<0.01
P-419	Storage Tank	Cl ₂	<0.01	<0.01
P-420	Bleach Reactor	Cl ₂	<0.01	<0.01
P-421	Bleach Reactor	Cl ₂	<0.01	<0.01
T-401	Bleach Reactor	Cl ₂	<0.01	<0.01
T-402	Bleach Reactor	Cl ₂	<0.01	<0.01
T-314	Storage Tank	VOC	<0.01	<0.01
T-416	Storage Tank	Inorganic	<0.01	<0.01

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			lb/hr	
	TPY **			
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
[Deleted due to lack of supporting data.]				
T-200	Wastewater Tank	VOC	<0.01	<0.01
T-412	Wastewater Tank	Inorganic	<0.01	<0.01
[Deleted due to lack of supporting data.]				
T-414	Wastewater Tank	Inorganic	<0.01	<0.01
[Deleted due to lack of supporting data.]				
T-302	Wastewater Tank	VOC	<0.01	<0.01
[Deleted due to lack of supporting data.]				
P-425	Wastewater Tank	Inorganic	<0.01	<0.01
F-3	Gas Building Fugitives (4)	NH ₃	0.17	0.75
		Cl ₂	0.09	0.41
		SO ₂	0.17	0.75
F-1.2	Tank Farm Fugitives (4)	NH ₃	0.03	0.12
		Cl ₂	0.11	0.48
		SO ₂	0.04	0.18
		VOC	0.32	1.42
		Inorganic	2.42	7.89
[Deleted due to lack of supporting data.]				
V-2	Storage Tank	NH ₄ OH	0.09	0.39
V-3	Wastewater Tank	Inorganic	0.14	0.60
[Deleted due to lack of supporting data.]				
V-4	Repackaging Emissions	NH ₄ OH	0.02	0.11
[Unchanged due to lack of data supporting a change.]				
V-5	Filling Operations	NH ₃	0.01	0.02

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			lb/hr	
	TPY **			
F-1.1	Gas Building Fugitives (4)	NH ₃	0.10	0.45
F-2.1	Tank Farm Fugitives (4)	NH ₄ OH	0.01	0.03
F-2.2	Wastewater Fugitives (4)	Inorganic	<0.01	<0.01
[Deleted due to lack of supporting data.]				

(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
 Cl₂ - chlorine
 SO₂ - sulfur dioxide
 VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

Inorganic - inorganic chemicals including (but not limited to) sodium hypochlorite, hydrogen peroxide, sulfuric acid, and sodium hydroxide
 NH₄OH - ammonium 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

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