

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21149

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 Rates *	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	
<u>TPY</u>				
TANK-ISOP	Tank 400-225	Diluent	0.035	0.155
TANK-WMO	Tank 400-219	Diluent	0.220	0.006
TANK- EHCF	Tank 400-215	Chloroformate	<0.01	<0.01
TANK-NDCL	Tank 400-218	Acid Chloride	<0.01	<0.01
TANK-AHYD	Tank 400-223	Acetic Anhydride	0.003	0.011
TANK-BZCL	Tank 403-202	Acid Chloride	To Oxidizer (5)	
TANK-TBA	Tank-406-601	Alcohol	To Oxidizer (5)	
TANK-CHP	Tank 400-222	Organic Hydroperoxide	0.002	0.003
TANK-OMS	Tank 400-224	Diluent	0.936	0.084
TANK-EHCL	Tank 400-220	Acid Chloride	<0.01	<0.01
TANK-PVCL	Tank 400-221	Acid Chloride	<0.01	<0.01
TANK-TBHP	Tank 403-201	Organic Hydroperoxide	2.521	0.586
TANK-NACL	Tank 403-608	PM	0.047	0.003
TANK-H2O2	Tank 406-202	Hydrogen Peroxide	0.046	0.003

TNK-MPP-EG	Tank T-1101	Ethylene Glycol	0.030	<0.01
TNK-PER-EG	Tank 403-320	Ethylene Glycol	0.030	<0.01
TANK-H2SO4	Tank 406-602	Sulfuric Acid	<0.01	<0.01

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CONTAMINANTS DATA			AIR	
Emission Rates*	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	
<u>TPY</u>				
TANK-NAOH1	Tank 403-204	Sodium Hydroxide	<0.01	<0.01
TANK-NAOH2	Tank 403-216	Sodium Hydroxide	<0.01	<0.01
TANK-KOH	Tank 406-201	Potassium Hydroxide	<0.01	<0.01
TANK-SBCF	Tank 401-216	Sec Butyl Chloroformate	<0.01	<0.01
TANK-FUG	Piping Fugitives	VOC	0.853	3.737

(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 - particulate matter
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) Tank vents are controlled by the Oxidizer (EPN OXIDIZER) in Permit No. 21865
- * 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 8760

Dated May 29, 2001